

## NAGA RAKESH

248.252.6539

RAKESHNAGACHINTA@GMAIL.COM

Ann Arbor, Michigan

## EDUCATION

### HARVARD UNIVERSITY

#### STRATEGIC MANAGEMENT

Sept 2017 | Cambridge, Boston

### UNIVERSITY OF MICHIGAN

#### BS IN COMPUTER SCIENCE

June 2019 | Michigan

College of Engineering

Cum. GPA: 3.83 / 4.0

Major GPA: 3.9 / 4.0

### STANFORD UNIVERSITY

Summer 2017 | SVIA

## LINKS

Portfolio:// [Resume Portfolio](#)

Github:// [rakesh-chinta](#)

Developer Website:// [Rakesh Chinta](#)

Design Portfolio:// [Rakesh Chinta](#)

LinkedIn:// [rakesh-naga-chinta](#)

YouTube:// [rakeshnagachinta](#)

Twitter:// [@rakeshnchinta](#)

Medium:// [@rakeshnchinta](#)

Quora:// [rakesh naga chinta](#)

Cover Letter:// <https://goo.gl/EPJWJ5>

About me:// <https://goo.gl/zsRzDg>

## COURSEWORK

### UNDERGRADUATE

Operating Systems, Computer

Organization, Artificial Intelligence,

Functional Programming

Data Mining+ Practicum

Databases, Web technologies

Compiler Design, Automata Theory

Computer Networks

Digital Logic Design, Design and Analysis

of Algorithms, Database Management

systems, Software Engineering

Web Technologies, Network programming

(Research Asst. & Teaching Asst 2x)

## SKILLS

### PROGRAMMING

Data Visualization • Tableau • Hadoop •

Scala • SAS • Proficient

Java • Shell • Python • Javascript

C • C++ • CSS • PHP • R • SQL • Matlab

• SQL • MYSQL • Familiar

iOS • Android • Rails •  $\LaTeX$  React •

, scala •, D3.js •, Vue.js •, Bootstrap •, XML •,

go •

## INTERESTS/OTHER

Business Analysis, Marketing and Sales

development, Project Management ,

Scrum and Agile Scaling,

Entrepreneurship, Product Management,

Power BI, Tableau, MS Excel, Azure, MS

office Hadoop Virtualization, Data

analysis, Data mining

## EXPERIENCE

**GOOGLE, UDACITY MOBILE APP SPECIALIST NANODEGREE**

**IIT KARAGPUR WINTER OF CODE RESEARCH, SOFTWARE DEVELOPMENT INTERN**

### GOOGLE | SOFTWARE ENGINEERING INTERN GSOC

May 2017 - Sep 2017 | Mountain View, CA

- Worked on the YouTube Captions team, in Javascript and Python to plan, to design and develop the full stack to add and edit Automatic Speech Recognition captions. In production.
- Created a backbone.js-like framework for the Captions editor.

### UBER DATA ANALYST INTERN

Spring 2017, Mumbai

### JP MORGAN | OPEN SOURCE JP MORGAN CODE FOR GOOD& TEAM

LEADER

September 2017 | Chicago

### IIM AHMEDABAD VC, RESEARCH INTERN

Spring 2017, CEII, Mumbai

- Helped mentor and virtualize a business plan for several startups in the Mumbai zone, Which lead to a 57% increase in revenue for my period of incubation.
- Presented the business plan and sales pitch to several angel investors and venture capital firms which resulted in 7:10 ratio of being funded with an annual investment of 10-30 lakhs with rate of interest being 5-10 percent.

### IIT BOMBAY RESEARCH INTERN

Winter 2016, Mumbai

- Developed algorithms for User-Modeling, Content-Modeling. Implemented semi-automatic concept mapping, recommendation algorithms like collaborative filtering, Pearson coefficient, deviation method and artificial ant colony method; Persiva-like system evaluation method was also implemented.

## RESEARCH

### TECHNOLOGY INFORMATION, FORECASTING AND ASSESSMENT AI

#### RESEARCH INTERN

Fall 2017 , India

- Used Tensorflow to integrate and develop Training Models for predicting stock value analysis, increased accuracy at 53%.

### COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH RESEARCH INTERN

Spring-Fall 2017 , India

- Taken the responsibility of managing a research project which included 16 students of M.tech-IIT's, NIT'S to prepare an advanced research breakthrough of epileptic seizure prediction models which allowed the victim to be noticed of the prospective seizure within a period of 10-8 minutes.

### INDIAN INSTITUTE OF STATISTICS RESEARCH INTERN

Spring-Fall 2017 , India

- Working as a co-manager of a group of 13 students of various international locations, Focused on the research work of HIV-AIDS Sentimental analysis within the field of Newspapers, magazines, Articles, Social Media, and public sentimental analysis.

## LEADERSHIP/IMPACT EXPERIENCE

- **Harvard Asia pacific conference 2017** Conference Ambassador and delegate representing Andhra Pradesh as a student for the HPAIR 2017 Harvard Conference
- **United Nations GenU Student** Invited personally to the UNA-USA Global Engagement Summit: United Nations General Assembly In New York City, dated February 23.

## PUBLICATIONS

Publication List:// <https://goo.gl/Zh22As>

## DESIGN: UI/UX/CREATIVE PORTFOLIO

### ONLINE/MOOC

Open Source Software Engineering

Neuroscience

Compilers + Practicum

Cloud Computing

Evolutionary Computation

Defending Computer Networks

Machine Learning

Data Structures and Algorithms,

Operating System, Computer Graphics,

Unix Programming,

Advance Computer Networks, Databases,

Automata Theory, Parallel Computing,

Distributed Computing,

Information Security Human Computer Interaction,

Design Thinking MIT X, Introduction to

Computer Programming Harvard X

Strategic Business Management - Harvard,

Introduction to aerodynamics MIT x,

Innovation through Iterative development MIT X,

Introduction to Business Operations Wharton X,

Algorithms 101, Algorithms 201,

Introduction to Artificial Intelligence Stanford.

### SMALL BUSINESS/STARTUPS

hubstrike, internetout, techcodebit, ucourse, Rilad, Rakesh N Chinta, Mid-score, Appendscore, Appscalar, Swenth Fashion, Viralmagnum, Innovation Scalar, AppScalar, Appendscore, Cryptostock-financial, Success Magnum, Reflective Series\*, The Magnum Journal, The Magnum Series\*

### HOBBIES

Networking and Attending conferences, Instructor at E-learning platforms namely Udemy, Lynda, Pluralsight, LinkedIn Learning, etc , Working on my Startups, Entrepreneurship, Writing and Authoring, Codign and working on tech projects @ProductHunt, Solving Puzzles, Studying Psychology, Business, Investing, Marketing

- **United Nations** Invited as a delegate, speaker, student representative of Harvard university and have been accredited the title of "Ambassador" for "The Youth Assembly at the United Nations".Submitted my government housing plan for rural developmental communities in the field of irrigation and urbanisation for the "Resolution Social Venture Challenge". Was nominated for Outstanding Delegate Award.Was shortlisted for United Nations Youth Assembly scholarship
- **UNESCO, Mahatma Gandhi International Conference**
- **Air Ambassador, Airbnb**
- **Salesforce** Learned the basics and advanced features of salesforce with in hands business case examples and implementation. Named top 3 of the batch of 1200 CS students in the development and maintenance of salesforce features.
- **National Society for Leadership and Success** participated in weekly student board meetings mentored by the Executive board,Planning and arranging Leadership training events, 3 success network meets, 3 Speakings and electoral within the country, several fundraising events for charity, prepare marketing campaigns for other selected leadership events, promote leadership and diversity within your university and student community.

### PROJECTS

- **JARVIS AI** : Prototype : A small-scale JARVIS, implemented using Artificial Intelligence and machine learning algorithms and structuring.
- **DFC Query Builder**: A mini-scale Database Engine using C. Features include buffer management, Query Optimization, Indexing using B+ Trees, Temporary Tables, Batching, Custom block size and GUI (web based) Query generator in PHP which communicates with DB server in C++ using sockets.
- **Storage Engine for RDMS** : Developed a new graph-based storage model for Relational Databases that can perform join queries in linear time. The time for aggregate queries also varies linearly with size of result set. Sample implementation in C++ where data was stored in-memory.
- **Web Bots: Facebook, Quora, Whatsapp, Twitter** Web Bots
- **Online Chat System** :An online multiuser chat system implemented using basic web modules and PHP.
- **TCP/IP Connector**: A mini-scale TCP/IP stack for file transfer from one system to another system over a network using C. Features includes headers of all 4 Layers, CRC error check, TCP Handshaking and flow control.
- **E-Banking System**: Uses PHP and MySQL - Transaction Management, Loans, Cheque, Fund Transfers.
- **Tic-Tac-Toe AI** Unbeatable AI TicTacToe bot , implemented using several algorithms such as backtracking, machine learning basic algorithms ; coded in Python

### OPENSOURCE EXPERIENCE

- **Google Developer Student Lead** Activities: Google User Experience Research Studies Participant, Google NYC GSOC Meetup November 7, Google Developer Days, Training Assistant at GDD, Bangalore, 2017 for several programs, GDG DevFest 2017.Meetups at Google developer days 2017 Bangalore, India; Several Google DSC Meetups: Goa, Tirupathi, etc; Google I/O 2018
- **Applied CS, Google Facilitator**
- **Facebook Developer Community**
- **Microsoft Student Partner** Campus representative for Microsoft, representing Azure, Xamarin and Microsoft window app development, hackathons, seminars, google products within my university and college affiliate group of 281 universities including a student group greater than 200,000.Activities include: Microsoft professional development program, Microsoft Student Partner Summit, Hit Refresh- In conversation with Satya Nadella, Ruhh AI bot Crew Student Member.
- **FOSSASIA** CodeHeat Project Student Participant, currently starting to contribute to various bug fixes and open source contribution through the organizations official github repo.

# COVER LETTER

-Naga Rakesh Chinta

I've always been enthusiastic and intrigued by the vastness of what we can accomplish and the rapid growth and advancement of the technologies in the field of Machine learning and Artificial Intelligence. The Mozilla community has recognized me as an official student partner, recently I worked as a data science and business strategist intern at UBER, where we developed a navigation algorithm resulting in 43% output.

I am currently the district student chairperson for Rotaract International, within my leadership, we have successfully accomplished more than 2 Guinness World Records, 20 leadership counsels, 100 political trans versions, 2 TEDX events, 50 charity events organized in a week to week basis with a mean population of 700+ per event. Lions club international has requested me to represent them in my district, I kindly declined the offer since of my present position and was offered a position on the National Advisory Board. I was nominated as a representative of my state for "The National Society of Leadership and Success" as a nominee and results are yet to be announced. I am the Head for Entrepreneurship and Innovation in my university and have held many other prestigious positions, More details about my current and previous positions are explained clearly in my Resume. I was fortunate to work as an intern for the GOVT. OF INDIA. twice during my fresher year and during my sophomore year.

I have researched under IIT Bombay under DR.Phatak in the research field in Machine Learning and Artificial Intelligence. I also have several successful startups which I have scaled in the years of my entrepreneurial side journey. Currently, I am working as an Artificial Intelligence and Neurological Researcher for detecting epilepsy seizures within the incubation period, which will strive to save lives, Under Dr.Sukant Khurana(MIT Ph.D.) at Central Institute for Scientific and Industrial Research. My Organization Helping hands is a part of Rotaract International and holds principles with the united nations children's education fund(UNICEF), it follows the activities in relation with UNICEF and most of our activities land in regard with the mentorship of Mr.Rohit Jain of UNICEF. We won awards related to the green revolution "SWATCH BHARAT MISSION" where greenery plantation and societal cleanliness is promoted by the Government of India in association with Rotaract International.

I have set my priorities and for this summer that entrepreneurial innovation and technological development. My entrepreneurial Journey: I would continue my entrepreneurial and technological revolutionary start up implementation and integration, cause it's who I am, I can't think of anything else I'd rather be doing than revolutionizing the way we live our everyday lives, I have this deep inner conscience which guides me in every decision of my entrepreneurial journey, I have successfully started 6 brands and companies which I intend to leverage on a large-scale basis, I am currently being mentored with professor street of Stanford University, for my future plans and career advancement, So, I intend to continue with my entrepreneurial side under mobile and appliance tech-resource innovation and development under the mentorship of the well-experienced experts and mentors where I can help grow the company exponentially.

**Resume: Detailed:** <https://goo.gl/Zh22As>  
**Resume: Brief:** <https://goo.gl/oEG9va>

**More information:**

**Personal Website:** <http://rakeshchinta.com>  
**Portfolio:** <http://rakesh-chinta.github.io>  
**Github:** <http://www.github.com/rakesh-chinta>  
**LinkedIn:** <http://in.linkedin.com/in/rakesh-naga-chinta>  
**Quora:** <http://www.quora.com/profile/Rakesh-Naga-Chinta>  
**Medium:** <http://www.medium.com/@rakesh-naga-chinta>

**My startups and entrepreneurial endeavours:**

**Nag corporation:** <http://nagcorporation.com>  
**Hubstrike:** <http://www.hubstrike.com>  
**Techcodebit:** <http://techcodebit.com>  
**Design Rilad:** <http://rilad.org>  
**Swentho Fashion:** <http://swentho.com>  
**Reflective Success:** <http://reflectivesuccess.com>  
**Appscalar:** <http://appscalar.com>  
**Innovation Scalar:** <http://innovationscalar.com>  
**Max Scalar:** <http://maxscalar.com>

## Work Experience

---

### FOSS ASIA Developer/Contributor

### FOSSASIA

- CodeHeat Project Student Participant, currently starting to contribute to various bug fixes and open source contribution through the organizations official github repo.

### IIT Karagpur Winter of Code

### IIT, India

- Presented my final project and hosted on IIT Winter of Code Platform. Gave my presentation on Node.js, GoLang and their approach to Concurrency.

### Google Developer Student Club

### Google

#### Lead

- Campus representative for Google, representing android development, hackathons, seminars, google products within my university and college affiliate group of 281 universities including a student group greater than 200,000.
- Activities: Google User Experience Research Studies Participant, Google NYC GSOC Meetup November 7, Google Developer Days, Training Assistant at GDD, Bangalore, 2017 for several programs, GDG DevFest 2017.
- Meetups at Google developer days 2017 Bangalore, India; Several Google DSC Meetups: Goa, Tirupathi, etc; Google I/O 2018 Personal Invitation.

### Google Scholarship

### Google-Udacity Nanodegree

- Recipient of the Google Scholarship for Mobile Web Specialist Nanodegree.
- google udacity scholarship for Full stack web developer consideration
- Selected among a total applicant pool of 180000 students.

### Applied CS Google Facilitator

### Google

- Applied CS is a free online course by Google designed to prepare you for your CS career through hands on coding experience. This is where I facilitate the android developer fundamentals and CS with Google courses provided by google within my campus, more than 200 students have participated in this event till date. Projects built: ANAGRAMS: HashSets, HashMaps; Scarne's Dice app icon: SCARNE'S DICE, UI design, asynchronous programming; Word Stack app icon, WORD STACK, Drag and drop UI, stacks; Ghost app icon, GHOST, Binary search, trees, tries; Puzzle 8 app icon, PUZZLE 8,, Heaps, priority queues, A\* algorithm; Word Ladder app icon, WORD LADDER, Multiple activities, graphs; Black Hole app icon, BLACK HOLE, Unit testing, Monte Carlo method ; Continental Divide app icon, CONTINENTAL DIVIDE, Dynamic programming.

### UNESCO, Mahatma Gandhi

### UNESCO

#### International Conference

- United nations educational scientific and cultural organisation: Mahatma Gandhi institute of education for peace and sustainable development Speaker in the International and prestigious conference in the matter of Artificial intelligence on the growth oriented India. UNESCO and the Government of India have embarked on a major new partnership to create the Mahatma Gandhi Institute of Education for Peace and Sustainable Development (MGIEP). Through research and capacity-building, the Institute aims to develop and promote new approaches to education, empowering learners to transform their lives and build a more peaceful and sustainable world. Formally opened in November 2012 and based in New Delhi, the Category 1 Institute is UNESCO's specialized education Institute in India, and the first in the Asia-Pacific region.

### WWF Volunteer Internship

### WWF

- team of WWF volunteers for 'Research and Analysis- Ek Prithvi' , Event Management for the National Level of WWQ'17 in Delhi, DEEPOR BEEL: A legal framework on Water pollution and Eco sensitive zone with its Ecological Impacts (Paryavaran and Suraksha)
- Event Management for the National Level of WWQ'17.
- Volunteers for the Outreach Ambassadors- Wild Wisdom Quiz project!
- WWF volunteers for 'Research and Analysis- Ek Prithvi'

### JP Morgan Code For Good

### JP Morgan

- Description: coders to develop innovative technology solutions for non-profit organisations. You'll also learn about starting a Technology career with us while being guided by the sharpest minds in our industry.

### United Nations GenU Student

### UNO

#### Member

- GenU Student Member in the category of Global Climate Change, Also have been accepted into :UN ON- LINE VOLUNTEERS, for contributions and consultancy projects for several non profit organisations.
- Invited personally to the UNA-USA Global Engagement Summit: United Nations General Assembly In New York City, dated February 23.

**Student Member****IEEE**

- IEEE student member where I collaborated with several fellows within the IEEE COLBRATEC and also participated as a "One day IEEE Project Ambassador".

**Student Member****Facebook Developer Community**

- IEEE student member where I collaborated with several fellows within the IEEE COLBRATEC and also participated as a "One day IEEE Project Ambassador".

**Udacity Mentor****Udacity**

- Udacity mentor for several courses such as free and paid versions of fundamentals courses such as android basic fundamentals, etc.

**Data Analyst, Strategy Intern****India East Asia Foundation**

- Worked on analyzing data and implementing strategies for campaigns and inter-organizational Government Parties.
- Organized and planned merging of strategy based co-operational investment opportunities in both foreign and public investments.

**Digital Campaign Consultant, Intern****Aam Aadmi Party**

- Worked on analyzing data and implementing strategies for campaigns and inter-organizational Government Parties.
- Worked on creating the digital marketing campaign within the government's party on social media marketing platforms
- Tools used : facebook targeted marketing ads, Adwords Campaigns, Email Marketing Conversion Funnels, etc.

**Research and Finance****Staff College of India****Documentation Intern**

- Worked under Mr. Murchi rao, from helping in documenting economic theories and critically thinking of finance market conditions in India regarding the 2011-2017 Financial Years.
- Worked on creating presentations and documenting my findings for the research work proposed by my Mentor.

**Course instructor Intern****Unacademy**

- Worked as an Instructor for the courses: Organizational Operations, USPC Courses, CAT Courses, Business/Entrepreneurship based courses, etc.
- Approved as one of the teams: staff verified instructors.

**Air Ambassador****Airbnb**

- Air Ambassador for Airbnb, also known as a premium referral ambassador.

**Student Instructor****Google IGNITE CS**

- Worked with a team of 9 at the University of Michigan to host IGNITE CS: Introduction to programming curriculum to students.

**Marketing Campaign Consulting****Codechef****Internship**

- Codechef marketing campaign consultancy for the new certifications of "Algorithms and data structures".

**Google Entrepreneurship/startup****London Google****Campus**

- Worked and started collaborating with several fellow entrepreneurs online and offline for the development of my startup "Nag Corporations" and within it developing my main central part : Rilad.

**E-Cell IIT Kanpur Student Board****IIT Kanpur****Member**

- This internship is currently ongoing internship where we work on scaling startups, marketing campaigns, brain storming and idea generation.

**Student Fellow****National Society for leadership and****Success**

- participated in weekly student board meetings mentored by the Executive board, Planning and arranging Leadership training events, 3 success network meets, 3 Speakings and electoral within the country, several fundraising events for charity, prepare marketing campaigns for other selected leadership events, promote leadership and diversity within your university and student community.

**Marketing****Affiliate and Representative**

- Generated affiliate sales on a wide range of affiliate platforms through effective and targeted marketing campaigns at: Audible, Amazon, Skillshare, Udemy, Udacity, Airbnb, Hostgator, etc

**AI Research Intern****Technology Information,  
Forecasting and Assessment  
Council**

- Part-time internship in, Technology Information Forecasting and Assessment Council (TIFAC) is an autonomous body under the Department of Science & Technology (DST), Government of India mandated to examine and evaluate existing state of art technology and directions of future technology developments. This internship will take place during August to mid-late September, I will be working in the field of AI and Big Data.

**Microsoft Student Partner****Microsoft**

- Campus representative for Microsoft, representing Azure, Xamarin and Microsoft window app development, hackathons, seminars, google products within my university and college affiliate group of 281 universities including a student group greater than 200,000.
- Activities include: Microsoft professional development program, Microsoft Student Partner Summit, Hit Refresh- In conversation with Satya Nadella, Ruuh AI bot Crew Student Member.

**Part-Time Research Project Intern Harvard Berkman Klein Center for****Internet, Society**

- Harvard Berkman Klein Center for Internet, Society research and member of project management team for Harvard medical center's project for a hospital business based communication app .

**E-Cell Student Board Member****IIT Bombay**

- Ongoing internship where we work on scaling startups, marketing campaigns, brain storming and idea generation.

**Summer SE Intern****Google**

- Summer GSOC work on archiving of webpages with greater efficiency, also working on developing the extensions of the various browsers of chrome, opera, mozilla firefox, microsoft edge, still an ongoing summer internship, will explain the final results at the end of the project , in association with Internet archive.

**Part-Time Research Intern****Stanford University****Summer-Fall 2017**

- Worked as a part-time research intern with professor Street. Worked with a research team, on developing a Climate Analysis and Prediction model based on the current environmental and global warming situation and climate changes within the last few decades. The model was developed using Neural networks, Machine learning and AI.

**Summer SE intern****Internet Archive****Summer 2017**

- Summer Research work on archiving of webpages with greater efficiency, also working on developing the extensions of the various browsers of chrome, opera, mozilla firefox, microsoft edge, still an ongoing summer internship, will explain the final results at the end of the project. Invited to interact with Ted Nelson and the creator of the internet Vint Cerf due to the successful presentation and efficiency of tool developed during internship. Working on the chromium browser, developing a auto-archival feature for the internet archive.

**AI research Intern****Technology Information,  
Forecasting & Council****Fall 2017**

- Part-time internship in, Technology Information Forecasting and Assessment Council (TIFAC) is an autonomous body under the Department of Science & Technology (DST), Government of India mandated to examine and evaluate existing state of art technology and directions of future technology developments. This internship will take place during August to mid-late September, I will be working in the field of AI and Big Data.

**Trainee Intern****Salesforce**

- Learned the basics and advanced features of salesforce with in hands business case examples and implementation. Named top 3 of the batch of 1200 CS students in the development and maintenance of salesforce features.

**Intern****World Youth Council**

- Change Leaders are those doers who are highly passionate to bring social change that will save our future through simple actions and inspire others to do so as well. No time in history before, have there been so many young people on our planet. Now is the time for the world to have Change Leaders.

**Business Analyst, Intern****UBER****Spring 2017**

- We worked on the proliferation customer and partner transitions of Uber in India. Increased the recruitment rate of uber driver partnerships by 180% due to the engagement of new marketing strategies within the drivers and by also using competitive engagement.
- Developed the uber client API by fixing a bug which changed the tracking route for streets with by-lanes. Implemented new business strategies which increases the customer transfer rate by 17%.

**Data Analyst Intern****GOVT. OF. INDIA****Spring 2016, Fall 2016**

- Analyzed business developments and monitored market trends and published a finalized report on the whole session of Data analysis of the current status after my internship
- .Initiated market research studies and implemented a modified section of code , which increased the efficiency of 57%

**Research Intern, CEII** **IIM Ahmedabad** **Spring 2017**

- Helped mentor and virtualize a business plan for several startups in the Mumbai zone, Which lead to a 57% increase in revenue for my period of incubation.
- Presented the business plan and sales pitch to several angel investors and venture capital firms which resulted in 7:10 ratio of being funded with an annual investment of 10-30 lakhs with rate of interest being 5-10 percent.

**Research Intern** **IIT Bombay** **Winter 2016**

- Developed algorithms for User-Modeling, Content-Modeling and Adaptive Engine on EdX. Implemented semi-automatic concept mapping, recommendation algorithms like collaborative filtering, Pearson coefficient, deviation method and artificial ant colony method.
- A Persiva-like system evaluation model was also implemented. 78% users found it helpful and average course completion time was reduced by 30%

**Research Intern** **Council for Scientific and Industrial Research** **Spring 2017**

- Taken the responsibility of managing a research project which included 16 students of M.tech-IIT's,NIT'S to prepare an advanced research breakthrough of epileptic seizure prediction models which allowed the victim to be noticed of the prospective seizure within a period of 10-8 minutes.
- This is an ongoing internship presently, will update the result when internship has been complete

**Research Intern** **Indian Institute of Statistics** **Spring 2017**

- Working as a co-manager of a group of 13 students of various international locations, Focused on the research work of HIV-AIDS Sentimental analysis within the field of Newspapers, magazines, Articles, Social Media, and public sentimental analysis.
- This is an ongoing internship presently, will update the result when internship has been complete

**Student Instructor, Successful** **Cousera**

- **Negotiations** Helped in instructing a group project and exercise involving a real life scenario of a real estate deal between a vicarious company, real estate agent and a landlord, this was a co-operative project where I helped in assistance and understanding, was invited to teach as a student helper and instructor for this small project within the course.

**Marketing and Business Strategy** **Indian Institute of E-Commerce**

- **Intern** This internship is currently ongoing internship which involves engaging the spread of entrepreneurship within the E-commerce sector, marketing campaigns, awareness drives, strategic business strategy implementation and course promotions in educational institutions.

**Marketing and Sales Intern** **Thomson Reuters**

- This internship is currently upcoming internship.Thomson Reuters Internship in Sales and Marketing for the product of "CS professional Suite" and "Eikon" Data analysis Tools for scalability.

**Consulting project Intern** **Awaz Mitra Housing Development**

- Housing plan framework and template research along with strategic rural analysis for the transformation into Urban structure.

**Marketing Analyst Intern** **Indian Economist**

- Working at three separate Marketing modules, includes: Marketing campaign creation for several real-life- situations, Research and performance-prediction of current marketing schemes, and the final report includes 2 written paper reports and 1 presentation based on the work done during the internship. This internship is currently ongoing, will update once the final project and report is submitted. Indian economist marketing analyst internship 2 publications and 1 presentation and 1 case study and research proposal.

**Consulting project Intern** **Chief Minister fellow for the State**

- Consulting work with government officials and plan on bill, policy, research, advisory and strategy preparation, interpretations and and implementations

**Campus Ambassafor and** **Paytm**

- **University Representative** Promoted and marketed the use and functionality of paytm which is supported by the MODI government, and successfully registered more than 1200 students into the app.



**Regional Student Representative****Mozilla**

- Contributed with a variety of open source projects in Github with the host name of Mozilla and also within my university as community of programmers of over 2000 students, which is registered and under my supervision as the Official Mozillian Student and Regional Representative. Participated in several hackathons including Mozilla's Game-off , 100 days of code program , etc. Mozilla Open Source Developer/Contributor

**Web Developer Intern****GeeksforGeeks****Winter 2015**

- Coded several sub-domains of the main website using Html, CSS and bootstrap. Identified and eliminated website bugs to improve user experience.
- Updated and redesigned user experience of sub-domain and Algorithms for GeeksforGeeks.org company website.

**Business Development(Marketing)****Groupon****Intern**

1. Understanding the customer requirements and working on building the key strategies which can help in on boarding new customers for the business. 2. The role is more biased towards the customer side of the business which will include the process from understanding the customer to the developing new strategies to reach out to the target audience. 3. The role required me to have a strong interest of working with e-commerce and understanding of the way business works. Basics would help while we will help you understand the advanced.

**Regional Student Representative****Mozilla Corporation****Fall 2015-Present**

- Contributed with a variety of open source projects in Github with the hoster name of Mozilla and also within my university's community of programmers of over 2000 students, which is registered and under my supervision as the Official Mozillian Student and Regional Representative.
- Participated in several hackathons including Mozilla's Game-off , 100 days of code program , etc.

**Best Selling Author****Amazon**

- Best Selling Author of "101 lessons life doesn't teach you" and several other titles.

**Best Selling Instructor****Udemy**

- Best Selling Instructor at Udemy with award winning courses regarding Hadoop, Big Data and SQL.

**Secretary****JNTU Lions International****Dept Head****Board Member Rotary International****University Research Work****JNTU Innovation, Scientific Research Center****Fall, Winter 2015**

- Developed shared central authentication system in Python and PHP for internet applications which was implemented in the main server of university's server. Designed PHP and javascript -based multi-threaded admin web applications.
- Contributed to the universities server codebase , used in the automated deployment of software on multiple virtual machines. Monitored and updated back-end data by inter-communicating between Django and Python frameworks. Implemented and released a Geo -tracking and navigation app of a 3D model infrastructural scale.

**Startups, Businesses****Organisations**

- **hubstrike, internetout, techcodebit, ucourse, Rilad, Rakesh N Chinta, Midscore, Appendscore, Appscalar, Swen-tho Fashion, Viralmagnum, Innovation Scalar, AppScalar, Appendscore, Cryptostockfinancial, Success Magnum, Reflective Series\*, The Magnum Journal, The Magnum Series\***

**Education****Undergraduate****University of Michigan****Winter 2017-present**

- **Major: Computer Science and Information Technology , GPA:3.74/4(Dec 2017)**
- Enrolled and selected in the University of Michigan's Honor Transfer Program: Honor Role Program
- Enrolled in the Transfer Gateway Program.

**Secondary Undergraduate****Harvard University, Cambridge****Summer 2017****University**

- Secondary degree in Strategic Business Management, Corporate Governance, Economics in Innovation, The Business scope of Entrepreneurship.

- Secondary credits degree in Strategic Business Management. Done and attended Corporate Governance, Economics in Innovation, The Business scope of Entrepreneurship, with a overall percentage of 91% .Member of the HSA Leadership society.Two papers published in the Harvard Summer Review.Worked on several startup ideas and on design and conceptualisation of startup models.Performed several case studies on Disney, Pixar, Tesla, snapchat, ford, etc. Published my degree submission paper on Tesla.Harvard COOP member.Member of the Apple University Developer Organisation at Harvard University

### Silicon Valley Entrepreneurship

Stanford University

Summer-Fall 2017

#### Academy

- Stanford entrepreneurship summit 2017:-Proposed my idea of VS (virtual secretary)
- Stanford entrepreneurship summit 2017:-Proposed my idea of VS (virtual secretary) at the SVIA Finale. Was offered funding for %33 of the company, but kindly declined.Invited to present my idea by the host- president of this program with a personal invitation at a success meet.Description: SVIA Enterprise is a Silicon Valley hands-on startup experience that takes you through the process from napkin to prototype. From expert coaches and mentors throughout Silicon Valley, supports your journey with access to leaders of innovation and ideation through panels, site visits and coaching sessions. Student teams will have the chance to present ideas to successful entrepreneurs at the SVIA Finale.

### Kakinada, AP, India

Jawaharlal Nehru Technological

June 2015 - Dec 2017

University

- **Major: Computer Science and Information Technology, CGPA:9.32(Dec 2017)**
- Developed and shared a central authentication system in Python and PHP for internet applications which was implemented in the main server of universitys server. Designed PHP and javascript -based multi-threaded admin web applications. Contributed to the universities server codebase, used in the automated deployment of software on multiple virtual machines. Monitored and updated back-end data by inter-communicating between Django and Python frameworks.Implemented and released a Geo -tracking and navigation app of a 3D model infrastructural scale.
- **Higher Secondary School Certificate, Percentage: 97.7%**
- **Secondary School Certificate, GPA:9.8/10**

### Relevant Courses

- Data Structures and Algorithms, Operating System, Computer Graphics, Unix Programming, Advance Computer Networks, Databases, Automata Theory, Parallel Computing, Distributed Computing, Information Security, Human Computer Interaction, Software Engineering, Design Thinking MIT X, Introduction to Computer Programming Harvard X, Strategic Business Management - Harvard, Introduction to aerodynamics MIT x, Innovation through Iterative development MIT X, Introduction to Business Operations Wharton Cousera, Algorithms 101, Algorithms 201, Introduction to Artificial Intelligence **Stanford Machine learning**

### Prominent positions

#### Positions and Honors

- **President and Head of research in science and innovation centre JNT University, University Relations: Paytm, Google Android program partner, and Microsoft student partner, Microsoft connect partner, IEEE Student Member, Google Developer agency partner, Microsoft Student Insider Partner, Google Local Guide status, Mozilla, Internshala, Geeksforgeeks Regional Representative,**
- **Google Certified Digital Marketing Partner**
- **President and Head of Research Innovation and Research Centre JNTU \*Chief Minister fellow for the State of Maharastra**
- **Gandhi Fellowship of India**
- **Boundaryless Fellowship of India**
- **Anant Fellowship of India**
- **National Entrepreneurship Network Council member**
- **Microsoft connect partner**
- **IEEE Student Member**
- **Microsoft Student Partner US for Harvard University due to transfer course \*Google Developer agency partner**
- **Microsoft Student Insider Partner**
- **Google Local Guide status level 3**
- **IEEE Day volunteer**
- **Was made a cross student board member for IIT Bombay, Roorkee, Kharagpur**
- **Product hunt startup for Shipping project**
- **WES Student Ambassador**
- **Recognized as a top writer in "leadership" in Medium.**
- **Quora Paid Contributor, selected upon valued contribution to quora**
- **United Nations conferences delegate**
- **United nations world youth icon Student Member**

- **United Nations Student Regional ambassador**
- **Microsoft Student Partner representative USA**
- **Microsoft Student Partner representative INDIA**
- **Microsoft student summit presentation BITS Pilani**
- **Campus Ambassador - Youth Assembly at the United Nations**
- **Campus Ambassador United Nationals Climate Model**
- **IIT Bombay Entrepreneurship cell board member**
- **IIT Kharagpur Entrepreneurship cell board member**
- **Google Campus Entrepreneurship alumni London**
- **IIT Delhi Rendezvous Summit Representative**
- **Udacity Mentor**
- **WWF Volunteer and contributor**
- **Tedx Public Speaking Member**
- **Oyo Rooms Digital Marketing Campaign Consultant**
- **UNO climate campus ambassador for IARC**
- **Mozilla Regional Representative**
- **Internshala Regional Student Representative**
- **GeeksforGeeks University Representative IIMUN (Indian International Model United Nations)**
- **Children Rights-CRY District Representative** Invited as a delegate and speaker for my organisation "Helping Hands" with a global community of over 4000 students (Non profit and government recognised organisation)
- **United Nations** Invited as a delegate, speaker, student representative of Harvard university and have been accredited the title of "Ambassador" for "The Youth Assembly at the United Nations". Submitted my government housing plan for rural developmental communities in the field of irrigation and urbanisation for the "Resolution Social Venture Challenge". Was nominated for Outstanding Delegate Award. Was shortlisted for United Nations Youth Assembly scholarship
- **Harvard Asia pacific conference 2017** Conference Ambassador and delegate representing Andhra Pradesh as a student for the HPAIR 2017 Harvard Conference

## Publications

---

### Published and Ongoing

- Devanshu J, **Rakesh N Chinta**, Pradeep kishan jain , â Economical Impact of Oral Technologies In The Modern Era â , - JNTU,kakinada ,Government Affiliation . October 17th, 2016, Mumbai, India.
- **Rakesh N Chinta** V.hemanth sushanth âDigital Marketing using Structural Foriegn Relationsâ - AP GOVT, International Conference on MAKE IN INDIA SUMMIT 2016 (State), September 6-7th, 2016, Hyderabad, India.

### Currently Working, Researching, Under Review:

- "Mental Health issues and Statistics in India" - Council of Scientific and Industrial Research
- "HIV spread and epidemic Analysis in USA, INDIA , and England for the past decade" - Council of Scientific and Industrial Research
- "Seizure detection improvement and analysis,-research study" - Council of Scientific and Industrial Research
- "Cloud Research paper and paper on 3D-Landscape android project " - IIT Bombay, professor Ganesh Ramakrishnan
- Marketing campaign creation for several real-life-situations, Research and performance-prediction of current marketing schemes, and the final report includes 2 written paper reports and 1 presentation based on the work done during the internship. - Indian Economist.
- "Virtual E-Secretary for business professionals- stock market, analytics"-Stanford Entrepreneurship Summit
- "Case study of Zomato" - Intern at institute of IIM, ahmedabad
- "India's vision of clean india 2030" - Indian Government, Swatch Bharat Mission
- "Revolution of India in rapid digitalisation and analysis of Digital Marketing in local Indian Markets"-Indian institute of Digital Marketing and Media
- "Tesla on Innovation and Globalisation in Mass Consumer Auto-Technology" - Harvard Review
- "Disney and Pixar Strategic Analysis Case Study" - Harvard Review
- "E-commerce advancement and conversion in India" - National University of Journalism
- Content Research, Wikileaks India, Starting at July 2017.
- Cloud Architectural research and design - National Institute of Technology, Suratkal
- Published in the QUORA digest dated September 19 2017

## Technical Experience

---

### Projects

- **JNTU University Fresher-Sophomore Research Intern Work** :Developed shared central authentication system in Python and PHP for internet applications which was implemented in the main server of university's server. Designed PHP and javascript -based multi-threaded admin web applications. Contributed to the universities server codebase ,

used in the automated deployment of software on multiple virtual machines. Monitored and updated back-end data by inter-communicating between Django and Python frameworks. Implemented and released a Geo-tracking and navigation app of a 3D model infrastructural scale.

- **DFC Query Builder** : A mini-scale Database Engine using C. Features include buffer management, Query Optimization, Indexing using B+ Trees, Temporary Tables, Batching, Custom block size and GUI (web based) Query generator in PHP which communicates with DB server in C++ using sockets.
- **JARVIS AI** : Prototype : A small-scale JARVIS , implemented using Artificial Intelligence and machine learning algorithms and structuring.
- **DFC Query Builder**: A mini-scale Database Engine using C. Features include buffer management, Query Optimization, Indexing using B+ Trees, Temporary Tables, Batching, Custom block size and GUI (web based) Query generator in PHP which communicates with DB server in C++ using sockets.
- **Storage Engine for RDMS** : Developed a new graph-based storage model for Relational Databases that can perform join queries in linear time. The time for aggregate queries also varies linearly with size of result set. Sample implementation in C++ where data was stored in-memory.
- **Web Bots: Facebook, Quora, Whatsapp, Twitter** Web Bots : QuoraBot, Sends the user his unviewed bookmarks to his e-mail based on date to date encryption selection, TwitterBot which posts the users status directly from the CMD prompt or terminal, Watapp spam bot and single way messaging bot, Severa; facebook bots for posting and updating statuses and also manual message service and transmission.
- **Chess Game**: A GUI based Chess game in JAVA for two players that implements all major OOP Concepts. Techniques like backtracking and Greedy Approach was used to determine possible moves. Files were used for storing statistics.
- **Galaxian** : An OpenGL based classic 2D shooting game in C++. Features include collision detection algorithms, double buffering to provide high FPS flicker-free 2D animations, mouse controls, hot keys and space simulation. Statistics and settings stored using files.
- **Online Chat System** :An online multiuser chat system implemented using basic web modules and PHP.
- **TCP/IP Connector**: A mini-scale TCP/IP stack for file transfer from one system to another system over a network using C. Features includes headers of all 4 Layers, CRC error check, TCP Handshaking and flow control.
- **FLINT** :Open-Source Contribution to FLINT (Fast Library for Integer Arithmetic) involving algorithms for Matrices over finite field - Patterson Stockmeyer Algorithm, Matrix Squaring, Level 3 BLAS in Matrix Multiplication and benchmarking results of all optimizations.
- **E-Banking System**: Uses PHP and MySQL - Transaction Management, Loans, Cheque, Fund Transfers.
- **Tic-Tac-Toe AI** Unbeatable AI TicTacToe bot , implemented using several algorithms such as backtracking, machine learning basic algorithms ; coded in Python

### Additional Experience and Awards

---

- Accenture innovation challenge 2017 for the cryptocurrency company ?cryptostockfinancial? and Awards
- TEDX Public Speaking Member
- Event Management for the National Level of WWQ'17.
- Volunteers for the Outreach Ambassadors- Wild Wisdom Quiz project!
- WWF volunteers for 'Research and Analysis- Ek Prithvi'
- Microsoft professional development program
- Microsoft Student Partner Summit
- Hit Refresh- In conversation with Satya Nadella.
- Ruhh AI bot Crew Student Member
- Recipient of Phi Theta Kappa Scholarship in UIC transfer
- Was offered an internship with Disney/ESPN but kindly declined since I had other opportunities lined up
- Received a placement offer for Antal corporations as a System Engineer located at Bangalore
- Compelling letter of recommendation for CEO of Lensoo, and EX-Professor of University of California, Berkeley.
- Featured and published author on the Quora Digest
- Phaseshift Campus Ambassador
- IIT Delhi Rendevous Summit Representative
- Google Campus Entrepreneurship alumni London
- Been asked for a placement offer as a full-time student researcher for ROR Backend Developer and Research Enthusiast at IIT Bombay
- UNO climate campus ambassador for IARC
- Invited for participation in Hackathon Team for Virtual Reality and Augmented Reality at Stanford Dted • IIT Bombay E cell Board Student
- Accenture Innovation Challenge Hackathon: Crypto Stock Financial
- Writer with 200000 view on Quora
- Writer on Medium, more than 100 articles published
- Eureka 2017 Entrepreneurship and Business Innovation Based Summit

- Microsoft Student Partner US for Harvard University due to transfer course
- Egbert Cheng, program manager for US MSP, team attending HackMIT this weekend . Susan (MSP global lead), Mary (Audience Evangelism Manager covering NYC/Boston metro area), Gavin (Technical Evangelist), Adina (Technical Evangelist), James (Technical Evangelist) and I will all be at MIT, requested a meet for networking and connections
- Successfully completed Google Summer of Code 2017
- Job offer from Kansal Corporate Solution as a junior Machine learning Engineer
- Job offer from UK based startup which is opening a branch at Bangalore: as a AI Engineer.
- Received admission into Los Angeles film school
- Steven Korz and I work at Action Management Services, we are looking for someone in the sales realm to take over a new position at Trotec in Plymouth
- United nations educational scientific and cultural organisation Mahatma Gandhi institute of education for peace and sustainable development Speaker in the International and prestigious conference in the matter of? Artificial intelligence on the growth oriented India?
- Postponed internships/opportunities due to filled time and University Work: Nasa Spring Internship 2018, Disney ESPN 2018, Disney Alumni Program 2017-2018.
- 
- Invited for Google Summer of Code official Meetup at Google at the locations of New York and Germany.
- Invited to Google Startup Campus, London to Jimmy Wales, founder of wikipedia: session.
- Received an internship opportunity for Winter 2018 Amazon Alexa internship at the Cambridge Campus.
- Was offered a contract based job with sunrise systems in Southfield michigan for the role of Benefits Analyst I
- APSSDC Indian government initiative workshops on hand experience, IOT and Raspberry pie
- Google hosted android development fundamentals.
- Was asked for product quality review on tellius- a machine learning integration tool by the Tellius corpo- ration
- IIT Bombay internship offer from professor ganesh Ramakrishna as a technical HR and as a lead for one of his projects
- Invited as a Microsoft Student Partner International Summit for the year 2017 at Bits Pilani Campus India.
- Google campus club entrepreneurs, Google entrepreneurial network club alumni
- Published in the Quora digest dated September 19 2017
- Named a National Society for leadership and Success Fellow for the year 2017-2019, representing the university of Harvard.
- TEDX co-organizer and Introducer in JNT, University
- Invited for Stanford summer program
- Invited and admitted to Yale summer program
- Received and raised a funding of 25,000 dollars in the name of helping hands organisation with a special thanks to Mrs Aabidah.
- Paper publication through the Indian marketing analyst associate, received full time associate as marketing analyst in the Indian Economist, but kindly rejected.
- Got interviewed by step focus on my story and achievements
- Received a pre placement offer as a Product Manager at "quikk" company.
- Invited to IIT Kharagpur to speak at a 1 day Technical Event in the field of Cloud Computing.
- Invited to present my Neuro-diagnostic and epileptic research work and pitch my startup idea to stake- holders at Montgomery Coscia Greulich LLP in Plano, TX to a group of stakeholders.
- Accepted and admitted into HARVARD'S CORE program(credential of readiness) with an entrance test percentile of 99.8
- Invited for a Entrepreneurship and Startup-Innovation conference at Stanford University for an idea and business model proposal from the host, president.
- Accepted into Stanford's Summer Semester in Data Analytics for the summer of 2017
- Received a summer research opportunity from professor Street in the field of "Climate Prediction" at Stanford University.
- Received Pre-placement offer at ImmoTek Agency as a junior Financial Manager.
- "Most Viewed Writer" Recognition Award in Quora in the field of technology.
- Organised and Managed a Smackdown hub for Smackdown 2017 at JNTU, Kakinada.
- Facilitated by the GOVT OF INDIA in recognition for the fixing of a bug which led to the prevention of wastage of money outflow in monthly expenses in data services.
- Was awarded an opportunity as a lead instructor in the Indian Institute of Digital Education (IIDE)
- Was offered an internship at Alibaba-UC browser for the position of Business Management Intern during my sophomore year.
- Was offered an internship at Aircel during my sophomore year.
- Completed Microsofts hello cloud initiative program in cloud computing
- IEEE student researcher and part-publishing contributions for research along with support.
- Google Partner for my tech startup, "Hub strike".

- Was selected for the Microsoft Windows Insider Student Partner Program.
- Shortlisted in the final round of LinkedIn-MTV Internship Awards 2017.
- Was offered a role in GOVT OF INDIA SWATCH BHARAT ORGANISATION as a role of management.
- Have 3 online businesses which are recognised by GOOGLE.
- Secured a reputation in Google Local Guides.
- Was awarded as the "Top Performing Student" in Salesforce Developer Workshop conducted by Salesforce in my University.
- Selected for the Indian road safety "Road Warrior" award from the campaign arranged by the GOVT OF INDIA
- Recipient of the prestigious "GANDHI FELLOWSHIP" for the years of 2017-2019, was invited to the capital to spend a week within the Council of Ministers under the reason of mentorship and idea proposal.
- Received an Research internship offer for a period of 1 year in the field of artificial Intelligence by professor Ganesh Ramakrishnan, but kindly withheld the offer due to various external offers.
- Student member of IEEE foundation.
- Was offered an article publication offer on behalf of the National University of Journalism.
- Was offered an anonymous article publication offer on behalf of WikiLeaks India.
- Received a pre-placement offer from ICS Bangalore, during my sophomore with package of 22 Lakhs per annum as in Indian currency.
- Was selected as an Official "American-Indian foundation fellow" for the region of Detroit, Michigan, USA for the year of 2017-2018.
- Convenor (Head) of Science and Innovation -Research Centre JNTU,kakinada
- University Relations Manager for HackerEarth, HackerRank, GeeksforGeeks, Mozilla Firefox
- Selected as the official University representative for IIT, Kanpur on behalf of my university.
- Selected for Government of India Ministry of foreign Exchanges Internship.
- Winner and recipient of runner-up team in Mozilla's Game-off -Hackathon hosted on Github with a scholarship award of 2000 dollars.
- Selected of ACM ICPC Amritapuri Onsite Nationals in 2016.
- National Finalist and gold medalist in several Mathematics and Cyber Olympiads
- Active participation on online competitive coding websites - CodeChef, SPOJ, TopCoder, Codeforces HackerRank, etc. Member Handle - rakesh-chinta,rakesh003
- Convenor (Head) of Code Enthusiastss Club, JNTU,kakinada
- Joint Convenor of Computer Science Events, Zeitgeist 2016 - Tech Fest of JNTU,kakinada
- Mozilla Representative and university president, conducts events on a weekly/monthly basis for a community of more than 500+ students and programmers
- Attempted and broke two Guinness World records dated October,16,2016 - Guinness World Records
- selected for the prestigious IIDE(Indian Institute of Digital Education) for the creation of Algorithms , Cloud computing courses along with several partner-publication of research papers.
- Named a National Society for leadership and Success Student Fellow for the year 2017-2019, during my time at the university of Harvard.
- Invited to present my Neurodiagnostic and epileptic research work and pitch my startup idea to stakeholders at Montgomery Coscia Greulich LLP in Plano, TX to a group of stakeholders.
- Accepted and admitted into HARVARD'S CORE program(credential of readiness) with an entrance test percentile of 99.8.
- Invited for a Entrepreneurship and Startup-Innovation conference at Stanford University for an idea and business model proposal from the host, president.
- Received a summer research opportunity from professor Street in the field of "Climate Prediction" at Stanford University.
- Received Pre-placement offer at ImmoTek Agency as a junior Financial Manager.
- "Most Viewed Writer" Recognition Award in Quora in the field of technology.
- Received an Research internship offer for a period of 1 year in the field of artificial Intelligence by professor Ganesh Ramakrishnan, but kindly withheld the offer due to various external offers.
- Student member of IEEE foundation.
- Was selected as an Official "American-Indian foundation fellow" for the region of Detroit, Michigan, USA for the year of 2017-2018.
- Best Selling Instructor at Udemy with award winning courses regarding Hadoop, Big Data and SQL.
- Best Selling Author of "101 lessons life doesn't teach you" and several other titles.
- Hacktoberfest - contributed to the freecodecamp community
- Got admitted into Emory University for my transfer admission
- Microsoft Azure Red Shirt Tour in Boston, Student Participant and volunteer.
- Invited to the AI congress in las vegas
- Received several offers every day on pre-campus placements by recruiters

- Was contacted by Amazon Alexa team for a Software Engineering Role in Seattle, WA.
- Provided for thankful Data Science Curriculum scholarship
- 2018 Winter Youth Assembly in United Nations.
- Technex, the annual techno-management fest of IIT (BHU) Invitation
- Invited to IIT Bombay for Entrepreneurship Summit by the Entrepreneurship cell board.
- Invited to IIT Roorkee for Entrepreneurship Summit by the Entrepreneurship cell board.
- Was offered a Machine learning internship by Professor Ganesh Ramakrishnan but kindly declined to my current college study and colliding timeline between the University of Michigan and IIT Bombay.
- Offered a 3rd time return offer from the government of andhra pradhesh for an internship/full time role
- Was shortlisted for a research internship with Professor H.C.Verma from IIT Bombay, but kindly declined due to the conflicting schedule of IIT Bombay and the University of Michigan.

### **Professional Skills and Technologies**

---

- **Professional Areas** - Business Analysis, Marketing and Sales development, Project Management , Scrum and Agile Scaling, Entrepreneurship, Product Management, Power BI, Tableau, MS Excel, Azure, MS office, MS word, MS powerpoint, R studio, Hadoop Virtualization, SAS, Databases, Algorithms, RDMS, Data Structures, Data analysis, Data mining
- **Learning Areas** -Data Science, Machine Learning, Artificial Intelligence
- **Languages** - C, Python, Java, C++, PHP, Shell Script, Javascript, R, React, Scala, Ruby, Go
- **Tools/Frameworks** - HTML, CSS, Bootstrap, XML, C++ STL,  $\LaTeX$ , MySQL, SQL, Git

### **Hobbies and More Information**

---

- Networking, Instructor at E-learning platforms namely Udemy, Lynda, etc , Scaling my Startups, Entrepreneurship, Writing and Authoring, Solving Puzzles, Studying Advanced Psychology

#### **Links Of Interest**

Personal Website: <http://rakeshchinta.com>

Portfolio: <http://rakesh-chinta.github.io>

Github: <http://www.github.com/rakesh-chinta>

LinkedIn: <http://in.linkedin.com/in/rakesh-naga-chinta>

Quora: <http://www.quora.com/profile/Rakesh-Naga-Chinta>

## **CREATIVITY AND INNOVATION**

Technology and creative product development have always had me intrigued since a very young age. Whether it was exploring my dad's iPhone 2G which I got in 2007 and curiously developing apps including a game called snap4hit which has exceeded over 1 million in downloads, to contributing to the "Question-Tool project" Berkman Klein centre for internet & society at Harvard, it was a technical and explorative journey that consistently satisfied my thirst for technological innovation and entrepreneurship. I have worked hard and shined through several internships in my fresher and sophomore year with high-growth and technology companies such as Google, Uber, Mozilla, Internet Archive, etc. My passion in Artificial Intelligence and Machine learning had begun with my initial prototype of a user- end JARVIS AI, which allows multi-functionality between one's operations. I eventually continued researching and working on AI prediction systems based on Hadoop databases and Big Data under the supervision of Dr.Phatak, IIT Bombay, India. I also worked under Dr. Sukant Khurana, MIT, Ph.D., in order to drastically reduce the epileptic prediction rates and being able to meet and briefly discuss my entrepreneurial ideas and take inspiration and critical advice from John Sculley, Ex-CEO of Apple this summer, during funding pitch at Rx- Advance, a rising health enterprise corporation. Since then, I have developed my startups and am presently managing a team of more than 50+ individuals as my part- time endeavour. It is certainly a highly innovative and entrepreneurship oriented university which promotes and facilitates its students on projects, startup mentoring and incubation. Having incubated my startup: Rilad Media, and helping several other start-ups at IIM Ahmedabad, India. My core for entrepreneurship and innovation is on a blazing hustle. I hope to utilize the the amazing resources there, create and prove my worth to the world and give back to the community there. My interests include applied Artificial Intelligence Business systems, Cybernetics and Design based Product Development.

With the advent that Artificial Intelligence is causing an uproar of entrepreneurial ventures and has all the venture capitalists awake: eyes wide open trying to find their next potential startup-unicorn investment, it seems that the possibilities are endless and will always continue to thrive.

I have always followed my passion in technology and innovation ever since as long as I can remember: from reverse engineering radios, broken TV's around the home to working with MIT Ph.D., Dr. Sukant Kharuna in predicting epilepsy rates; performing sentimental analysis and using Machine learning classifiers in order to automate HIV-AID epidemic increase from 2000 to 2017, hands-on experience and experimenting has always been a hobby of mine. I have also started several technology ventures including several viral applications on the Android platform having more than 2 million downloads in total and counting to interning in the Summer at Google, building a web archiving application with the Internet Archive. What really motivates me is that there is so much to learn, experiment and innovate in the Tech-Business-Medical landscape/  
Afterall I am only 20, let's see how I am gonna impact millions.



## **How making a critical, ethical business decision helped my company in the long-term**

During the early days of my start-up: Rilad Media, a corporation which specializes in creating amazing storyboard and animations based on the strategic need while considering the targeted audience; we came along a client with the name of "X" ( Not able to specify a name, due to legal reasons). We negotiated and had a conference on how they would like to integrate their new app's live video chat feature which is similar to the storyboard present in those of Snapchat and Instagram.

We negotiated a deal of "ABC" pricing and started the preparation. Two weeks in the process of creation of the video we had a deadline we were offered a contract which had offered us the price of 50% greater than the compensation of "X": in order to deliver a project within three days, as it was urgent. It was a difficult decision but we decided not to go forward with the deal as we wanted to allocate all of our time in order to provide true VALUE for XYZ, we declined.

Deadline approached, and we submitted the project, they were beyond satisfied. we had a small laugh about the other company's request and "XYZ's" CEO thanked us for the hard work and the sacrifice made to ensure trust, commitment.

Following within a few weeks, we continued to receive many offers from XYZ and have had a strong relationship since.

It may not have been the best business decision to let go of whats in front of you: it could have been quick money, but sometimes thinking "long-term" and forming professional relationships will bear fruit to a greater reward. I trusted my morals then and continue to do to this day and entrusting my personal principles and ethics both professionally and personally.

# **My Passion**

**My interests include applied AI Business systems, Cybernetics and Design based Product Development.**

**With the advent that AI is causing an uproar of entrepreneurial ventures potential unicorn investment, it seems that the possibilities are endless and will always continue to thrive.**

**I have always followed my passion in technology and innovation: from reverse engineering radios, broken TV's around the home to working with MIT Ph.D., Dr. Sukant Kharuna in predicting epilepsy rates; performing sentimental analysis and using Machine learning classifiers in order to automate HIV-AID epidemic increase from 2000 to 2017, hands-on experience and experimenting has always been a hobby of mine.**

**I have also started several technology ventures, interned at Google, in the Summer, building a web archiving application with the Internet Archive.**

**What really motivates me is that there is so much to learn, experiment and innovate in the Tech-Business-Medical landscape,**

**My interests include applied Artificial Intelligence Business systems, Cybernetics and Design based Product Development.**

**With the advent that Artificial Intelligence is causing an uproar of entrepreneurial ventures and has all the venture capitalists awake: eyes wide open trying to find their next potential startup-unicorn investment, it seems that the possibilities are endless and will always continue to thrive.**

**What really motivates me is that there is so much to learn, experiment and innovate in the Tech-Business-Medical landscape.**

**After all, I am only 20, let's see how I am going to impact millions.**

## **Extra-curricular Achievements**

The Mozilla community has recognized me as an official student partner, recently I worked as a data science and business strategist intern at UBER, where we developed a navigation algorithm resulting in 43% output.

I've always been enthusiastic and intrigued by the vastness of what we can accomplish and the rapid growth and advancement of the technologies in the field of Machine learning and Artificial Intelligence.

I have researched under IIT Bombay under DR.Phatak in the research field in Machine Learning and Artificial Intelligence. I also have several successful startups which I have scaled in the years of my entrepreneurial side journey. Currently, I am working as an Artificial Intelligence and Neurological Researcher for detecting epilepsy seizures within the incubation period, which will strive to save lives, Under Dr.Sukant Khurana(MIT Ph.D.) at Central Institute for Scientific and Industrial Research.

I am currently the district student chairperson for Rotaract International, within my leadership, we have successfully accomplished more than 2 Guinness World Records, 20 leadership counsels, 100 political trans versions, 2 TEDX events, 50 charity events organized in a week to week basis with a mean population of 700+ per event. Lions club international has requested me to represent them in my district, I kindly declined the offer since of my present position and was offered a position on the National Advisory Board. I was nominated as a representative of my state for "The National Society of Leadership and Success" as a nominee and results are yet to be announced. I am the Head for Entrepreneurship and Innovation in my university and have held many other prestigious positions, More details about my current and previous positions are explained clearly in my Resume. I was fortunate to work as an intern for the GOVT. OF INDIA. twice during my fresher year and during my sophomore year.

My Organization Helping hands is a part of Rotaract International and holds principles with the united nations children's education fund(UNICEF), it follows the activities in relation with UNICEF and most of our activities land in regard with the mentorship of Mr.Rohit Jain of UNICEF. We won awards related to the green revolution "SWATCH BHARAT MISSION" where greenery plantation and societal cleanliness is promoted by the Government of India in association with Rotaract International.

I have set my priorities and for this summer that entrepreneurial innovation and technological development. My entrepreneurial Journey: I would continue my entrepreneurial and technological revolutionary start up implementation and integration, cause it's who I am, I can't think of anything else I'd rather be doing than revolutionizing the

way we live our everyday lives, I have this deep inner conscience which guides me in every decision of my entrepreneurial journey, I have successfully started 6 brands and companies which I intend to leverage on a large-scale basis, I am currently being mentored with professor street of Stanford University, for my future plans and career advancement, So, I intend to continue with my entrepreneurial side under mobile and appliance tech-resource innovation and development under the mentorship of the well-experienced experts and mentors where I can help grow the company exponentially.

# Technical Achievements

**My passion for Artificial Intelligence and Machine learning had begun with my initial prototype in the user-end, i.e. JARVIS AI, which allows multi-functionality between one's operations. I continued to dive deeper into AI, researching and working on AI prediction systems based on Hadoop databases and Big Data under the supervision of Dr.Phatak, IIT Bombay, India. I also worked under Dr. Sukant Khurana, MIT, Ph.D., in order to drastically reduce the epileptic prediction rates from 17.4 seconds to several minutes beforehand. We successfully reduced the prediction rate by 73% and made outstanding progress with a prediction time of 6 minutes and 53 seconds on average of 843 tests. That alone is one of my greatest achievements till date impacting millions of lives!**

**My passion for Artificial Intelligence and Machine learning had begun with my initial prototype of a user- end JARVIS AI, which allows multi-functionality between one's operations. I eventually continued researching and working on AI prediction systems based on Hadoop databases and Big Data under the supervision of Dr.Phatak, IIT Bombay, India.**

**My experience in contributing to the "Question-Tool project" Berkman Klein center for internet & society at Harvard, it was a technical and explorative journey that consistently satisfied my thirst for technological innovation and entrepreneurship. I have worked hard and shined through several internships in my fresher and sophomore year with high-growth and technology companies such as Google, Uber, Mozilla, Internet Archive, etc.**

**I was able to be mentored on entrepreneurial ideas and take inspiration and critical advice from John Sculley, Ex-CEO of Apple this summer, during funding pitch at Rx-Advance, a rising health enterprise corporation. Since then, I have developed my startups and am presently managing a team of more than 50+ individuals as my part-time endeavor.**

**I have found my passion for technology, the rapidly changing environment ignited a purpose for contribution to the advancement of our society and along with human endeavors. My love for entrepreneurship was not in the sought of money, financial freedom and other blisses but lies in heart of life satisfaction through contribution and legacy: the evidence states and pulls on the fact the burning desire. I wish to enhance my understanding artificial intelligence, robotics, clean energy, and cybernetics which includes neuroscience.**

**I have desire for developing myself and facing new challenges, the time spent on professional internships and learning new things in computer science, big data and electronics and implementing all of these into creating a project, which in turn creates into a prototype and then scales itself into a startup leading on and impacting millions of people.**

# **My Leadership and Empowerment**

For me leadership has taken me a long way, being a part of my identity and making people acknowledge me through my most vital quality, Leadership, It has always been the basis I have built my legacy and personal principles on. Ever since I was young, I was the known as the kid who raises his hand first in the class, answering the question whether right or wrong. Yes, I was wrong sometimes but that never stopped me from trying, failing, learning, improving and getting back at it stronger and better. This was why I volunteered as a project manager for several Rotaract International projects such as charity events, fundraisers, environmental health, fighting for women rights, etc even though they were out of my normal norms of activities since most of my hobbies were related to innovation, robotics, and computer programming. This eventually led me becoming the president of Rotaract International and the secretary of the lions Club within my district along with being promoted to RTR. within the span of 1.5 years. It was challenging, thrilling to be part of, as it changed me to always come out of the "comfort zone". They say the small narrow area between the unknown and known as the comfort zone, and if one has the 30 second instant and immediate burst of courage, even though one's mind is saying no, one's heart is pounding at the speed of light, one's knees are trembling with thought and anxiety of failure, just showing up and saying to that fear inside: No! I am goanna do it! That was the one thing that made me push my limits and challenge the social boundaries of norms. My experience in leadership was not only invigorating but also challenging as different people have different mind-sets, experiences, personal ethics, and principles; which means different ideas and beliefs. Enfolding the spirit and passion within them and aligning the beliefs of everyone into a laser sharp focus with their whole concentration on a goal is quite easy to say and very tough to execute. This was something I learned through leading the attempt of 2 Guinness World Records, and my internship project at Google as a product manager intern. Even though I had experience in project management especially in the tech field, leading my fellow interns at Google, it was a whole new level of brilliance and keen, creative thinking. Everyone was super smart, I knew from the start I had a lot of learning to do just to implement new ideas within the team as some were far more experienced than me in the field of data analysis and product development. This didn't stop when I was 8 years old, didn't stop me at high school, college and will certainly didn't stop me from trying my best even if failure is the end result. I pushed through, followed and utilized all my skills which I picked up, stumbled a few times on minor weekly releases in code, but kept on preserving, though we struggled at the beginning, iterating and developing with each new release and consecutive version updates, we released a stable release before the end of my internship. It now positively affects millions every people every day, making a global impact. Just the thought that we did not give up and because of that the result was improving and making the lives of millions of people easier is truly fulfilling. This was one of the defining moments which raised a new level of confidence within me, It showed me that with perseverance and self-discipline and a strong growth mind-set, and with a strong will to succeed: anything is possible. I am ready to continue my efforts and give my 110% in anything else I do, my sure goal is set on the achievements and impact I can make

through innovation and entrepreneurship by studying and learning and repeating the cycle on my next platform for growth and innovation.

## **Difficulty I faced and how I overcame the adversity**

"Cancer didn't bring me to my knees, it brought me to my feet" -Micheal Douglas I have been fortunate to belong and grow up in a variety of interesting cultures such as the traditional and religious Indian culture, and also the modern and developed American culture. I was born in India and brought up in the united states until my mid-teens, this is where my creativity, problem-solving, confident social networking and connections fostered, living in the united states taught me that anyone irrespective of money, power, status, race-always had an opportunity to grow based on one's commitment, determination, and persistence. Then a terrible incident happened which shook our whole family, my mother was diagnosed with thalassemia cancer. I left back to India take care of my sick mother. It was a hard time for our family, but with hope, and blessings we made it through, I thought of almost losing my mother forever made me weep at night those restless days. This event had an important impact in my life, it showed me just how valuable one's time on this earth is and how important it is for the development of technology and health-solutions to fight such diseases.? I was back in India, I learned more and went deeper in the thought of human relationships through traditional and religious practices and customs here. With an inspiration to help me get out of my depression, I put that frustration and effort into my education. I soon completed my upper high school education, with high honours and secured an AIR(All India Rank, of 09) and was admitted into the university of JNT. I continued my education there until my sophomore year and now hope head back to the united states. An admission in your university can let me show case my strengths, provide the facilities for me to continue to achieve in what ever I set my mind to. I have heard about the rich diversity in university and am looking forward to it.

## **How I gave back and Improved my Country**

They say, "Service to man is service to God". During the Summer of 2015, we were celebrating the thought finally starting college, we ran into several orphans on the road picking up trash as if they were there only means of food and source of livelihood. We went to them and asked about what was happening and why they were playing on the road and out of school? With a sense of despair in their eyes, one of them uttered that they were orphans and could not afford the minimum elementary education which taught them to read, write, speak formally. The idea of our Non-Profit Organization: "Helping Hands Organization: was born. Our goal was to provide the minimum basic education facilities to orphans in our hometown. The real challenge was how would we get the funding to support them all? With several marketing campaigns, we met a countless number of sponsors, who paid a monthly



donation instead of a fixed one-time fund, doing this ensured that we could support them continuously. We devised membership card and helped nearly 470 orphans get to education since now and we are not stopping. We had tremendous success in spreading our awareness to donation and fund raising campaigns, August 17 of 2016, was one of the brightest days for these students, we had secured a funding of rupees 45 lakh (nearly \$70,000) in a two-day fund raiser event alone. This allowed nearly 2000 students across India get into elementary education. We received international recognition due to our non-profit services and spread across 17 major cities in India. But the real gift was not the fame, money we generated, but it was the heartfelt smile of my fellow brother and sister orphans which filled our hearts with an unimaginable sense of bliss, whenever we visit them. What more can we ask for?

## **Greatest talent and skill**

Legacy, it's something that keeps me awake at night till the stars are no more visible to the naked eye, from which the dawn strides up from within. This is the sole reason for my hard work throughout the years and is the fuel that pushes me across my limits. I believe that keeping an explorative attitude and inquisitive mind is key to a constant learning process, since I believe that we were put on this earth to make our mark and provide an immense revolutionary benefit, not only for a community, a state, a country but for the advancement of the human race. My anxiety and inner-passion for exploring, solving real world problems, has always kept me enthusiastic and intrigued by the vastness of what we can accomplish and the rapid growth and advancement of the technologies in the field of Machine learning and Artificial Intelligence. Most recently, under the mentorship of Dr.Sukant Khurana, M.D,Ph.d, MIT; lead researcher at the "Council of scientific and industrial research". I managed a team of 12 highly inquisitive IIT peers in trying to reduce the predication rate of epileptic seizures from 17.4 seconds to several minutes beforehand. We successfully reduced the predication rate by 73% and made outstanding progress with a predication time of 6 minutes and 53 seconds on average of 843 tests. It was one of our greatest achievements since date and is under review for publication in the "Journal of Neuroscience".

I want to study further to refine my skills and knowledge in this area of interest. I think the undergraduate program within your university will give my career goal of becoming a professional the right direction at research-oriented, commercial or academic organizations. Your university will provide me the environment, the support, the excellent faculty, and facilitates to make the utopian dream to come true. I intend to pursue after, a MS degree followed by an MBA in order to reach that goal. Securing an AIR(All India Rank) of 9, I got admitted in a central Government University: JNT University. In my two years of study at JNT University. I have learned how to maintain an independent approach in all my endeavours. I am a fast learner, being able to adapt quickly to latest resources and possess a growth oriented mindset. Overall, I feel that my knowledge of a research and entrepreneurship and my passion for revolutionary technological advancement makes me the ideal candidate. Some of the previous work and research experience include: In India, being the regional representative of Mozilla, we helped more than 2000 students contribute to open-source. I

co-founded a Non-profit Organization which helps a community of 5000+ orphans to get proper education through public funding, one of my most satisfied work. I have also interned at Uber, improving strategic business operations by 27%. For the winter of 2016, I researched with Dr. Phatak, AI professor at IIT Bombay. I have come a long way, creating apps on iOS, which resulted in 1 million+ downloads at age 14 to being a Fellow of the: National society for leadership and success. This summer, I interned at Google, as a summer software engineering intern, we increased the search engine's archiving rate of webpages by 7.3%, though it may be small, it will impact billions in many ways. I also had the opportunity to study secondary undergraduate courses on "strategic business management" and "Entrepreneurial Innovation" at Harvard, it was a life changing experience, meeting and being mentored start-up founders, engaging in funding rounds, series A for my start-up Rilad. It was then during these 2 months that I realized there so much more to explore, innovate, research and to learn: culturally, professionally and academically in the united states and see it as the next step into my journey. I believe that one day through my work, I will impact revolutionary change in the world with my dreams for advancement in technological progress.

## **MY PERSONAL STATEMENT**

I've always been enthusiastic and intrigued by the vastness of what we can accomplish and the rapid growth and advancement of the technologies in the field of Machine learning and Artificial Intelligence. The Mozilla community has recognized me as an official student partner, recently I worked as a data science and business strategist intern at UBER, where we developed a navigation algorithm resulting in 43% output.

I am currently the district student chairperson for Rotaract International, within my leadership, we have successfully accomplished more than 2 Guinness World Records, 20 leadership counsels, 100 political trans versions, 2 TEDX events, 50 charity events organized in a week to week basis with a mean population of 700+ per event. Lions club international has requested me to represent them in my district, I kindly declined the offer since of my present position and was offered a position on the National Advisory Board. I was nominated as a representative of my state for "The National Society of Leadership and Success" as a nominee and results are yet to be announced. I am the Head for Entrepreneurship and Innovation in my university and have held many other prestigious positions, More details about my current and previous positions are explained clearly in my Resume. I was fortunate to work as an intern for the GOVT. OF INDIA. twice during my fresher year and during my sophomore year.

I have researched under IIT Bombay under DR. Phatak in the research field in Machine Learning and Artificial Intelligence. I also have several successful startups which I have scaled in the years of my entrepreneurial side journey. Currently, I am working as an Artificial Intelligence and Neurological Researcher for detecting epilepsy seizures within the incubation period, which will strive to save lives, Under Dr. Sukant Khurana (MIT Ph.D.) at Central Institute for Scientific and Industrial Research. My Organization Helping hands is a part of Rotaract International and holds principles with the united nations children's education

fund(UNICEF), it follows the activities in relation with UNICEF and most of our activities land in regard with the mentorship of Mr.Rohit Jain of UNICEF. We won awards related to the green revolution "SWATCH BHARAT MISSION" where greenery plantation and societal cleanliness is promoted by the Government of India in association with Rotaract International.

I have set my priorities and for this summer that entrepreneurial innovation and technological development. My entrepreneurial Journey: I would continue my entrepreneurial and technological revolutionary start up implementation and integration, cause it's who I am, I can't think of anything else I'd rather be doing than revolutionizing the way we live our everyday lives, I have this deep inner conscience which guides me in every decision of my entrepreneurial journey, I have successfully started 6 brands and companies which I intend to leverage on a large-scale basis, I am currently being mentored with professor street of Stanford University, for my future plans and career advancement, So, I intend to continue with my entrepreneurial side under mobile and appliance tech-resource innovation and development under the mentorship of the well-experienced experts and mentors where I can help grow the company exponentially.

Resume: Detailed: <https://goo.gl/Zh22As>  
Resume: Brief: <https://goo.gl/oEG9va>

#### More information:

Personal Website: <http://rakeshchinta.com>  
Portfolio: <http://rakesh-chinta.github.io>  
Github: <http://www.github.com/rakesh-chinta>  
LinkedIn: <http://in.linkedin.com/in/rakesh-naga-chinta>  
Quora: <http://www.quora.com/profile/Rakesh-Naga-Chinta>  
Medium: <http://www.medium.com/@rakesh-naga-chinta>

#### My startups and entrepreneurial endeavours:

Nag corporation: <http://nagcorporation.com>  
Hubstrike: <http://www.hubstrike.com>  
Techcodebit: <http://techcodebit.com>  
Design Rilad: <http://rilad.org>  
Swentho Fashion: <http://swentho.com>  
Reflective Success: <http://reflectivesuccess.com>  
Appscalar: <http://appscalar.com>  
Innovation Scalar: <http://innovationscalar.com>  
Max Scalar: <http://maxscalar.com>