

# Ramya Rajendra

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**SUMMARY-** Dedicated and passionate student currently pursuing masters in Computer Science. Worked as a full-stack web developer, machine learning enthusiast, and an inquisitive problem solver. Seeking to work in a challenging environment which will help explore my potential in an effective way.

## EDUCATION

- **Master of Science (Computer Science) GPA 3.67** Aug 2019 - May 2021  
Illinois Institute of Technology, Chicago, USA  
(Courses-Online Social Network Analysis, Advanced database Organization, Mobile Application Development , BigData Technologies, Computer Networks , Machine Learning)
- **Bachelor of Engineering (Computer Science),GPA 3.8** Aug 2014 – May 2018  
Visvesvaraya Technological University, Belgaum, India

## EXPERIENCE

1. **Software Developer , ManufactOn** Oct 2018-May 2019  
**Full Stack web development /mobile application development**
  - Contributed towards designing and developing web application using vue.js, node.js, bootstrap/buefy
  - Actively involved in refactoring and modifying code for android app development
2. **Software Developer Intern, GE Digital, India** Oct 2017-Jan 2018  
**Web design and development**
  - Closely involved in designing & developing web application using HTML5,CSS6, Javascript
  - Contributed towards maintaining and modifying database using mongodb
3. **Research Intern, Indian Institute of Science, India** Jan 2019-Apr 2019  
**Pattern Recognition and Machine learning**
  - Involved in optimizing and implementing pattern recognition techniques on machine learning models to analyze and predict data. Assisted in paper work on improvised Clustering techniques of k-means algorithm

## TECHNICAL SKILLS

**Programming Languages | Databases:** JAVA, Python , javascript, C/C++, C#, MySQL, NoSQL

**Web Technology:** ReactJS, Vue.js , Node.js, ExpressJS, Bootstrap, Buefy, AWS, AngularJS, MongoDB, CSS, HTML5

**Other:** Git, Jira, Zeplin

## PROJECTS

- Contact Keeper ( Hosted at: <https://fast-atoll-12985.herokuapp.com/>)** May 2020
  - Full stack MERN contact manager web application to keep contacts of any new registered or logged-in user.
  - Makes use of Context API ,RESTful API for CRUD operations, React Hooks for state management ,mongo Atlas for cloud storage of data and Json Web Token for token authentication
- Classifying followers of most influential users on twitter** Sep 2019 - Oct 2019
  - Programmed using python, uses machine learning algorithms like logistic regression, random forest and decision trees to classify users.
  - Analysis on celebrity-centric social network accounts to classify the users as bots and non bots.
- Github Finder ( Hosted at: <https://githubfinder249612.netlify.app/>)** Apr 2020
  - React Based Web application to search and view Github user's profile
  - Makes use of React Hooks, Context API and Github's search API
- MyBlog Web Application** Feb 2020
  - Full stack web application which enables to view, upvote and comment on articles and also navigate to other related articles
  - Makes use of MongoDB, Express Server, React Hooks, React Router
- Mobile app for 'Stock Market'** Aug 2019 - Sep 2019
  - A mobile app created using Android studio which displays stock rates for popular companies by fetching data from Stock API
  - Provides search, insert ,delete functionalities for company stocks
- Context Based Language Translator application** Jan 2018 - Mar 2018
  - Web application which translates source to destination language based on context of sentence. Accomplished using deep neural networks(bi-directional recurrent neural network model)
  - Libraries used: keras, tensorflow, matplotlib ,numpy
- Multi Notepad Mobile application** Oct 2019
  - Mobile app created using android studio. Allows creation and maintenance of multiple notes. Provides creation, modification, deletion and search functionalities

## PUBLICATIONS / ACHIEVEMENTS/ CERTIFICATIONS

- Published and awarded best research paper on effect of linguistic data on deep neural networks by Computer Society of India Oct 2017
- Certified as Nano-degree holder in Natural Language Processing and deep neural networks by Udacity Apr 2018
- Certified in React web application development by LinkedIn Learning Apr 2020
- Awarded first place in coding and debugging challenge by Computer Society of India(CSI) Dec 2017
- Certified by Udemy on successful completion of full-stack web developer course Jan 2018