# Ramya Rajendra

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**SUMMARY-** Dedicated and passionate student currently pursuing masters in Computer Science. Working 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. Ability to multi-task and stay organized. Excellent communication and planning skills.

## 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 Intern, QNOPY INC , USA**                                                Sep 2020-Present
   **Web Development**
   ➢ Involved in developing responsive web components with React ,Redux, Material UI
   ➢ Also engaged in developing RESTful APIs

2. **Software Developer , ManufactOn , India**                                                   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

3. **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

4. **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, , Django, ExpressJS, Bootstrap, Buefy, AWS, AngularJS, MongoDb, CSS, HTML5 , JQuery , Ajax

**Other:** Git, Jira, Zeplin, shell scripting , Matlab, UML , Linux , Windows , Unix

## PROJECTS

**React App for Contact Management( 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