

Rohith Kumar Uppala

Boston, MA | ruppala@student.bridgew.edu | 425-209-5663
LinkedIn Profile: <https://www.linkedin.com/in/rohith-uppala-939a4aa8/>

EDUCATION

Bridgewater State University, Bridgewater, MA

Department of Computer Science, GPA:4.0/4.0 (till now)

Jan 2017 – present

Candidate for a Master of Science in Computer Science

Expected graduation: Dec 2018

Related Courses: Computer Architecture, Database Management Systems, Computer Networks and Machine Learning

GITAM University, Hyderabad, India

April 2015

Bachelor of Technology in Electronics and communication Engineering, GPA: 3.88/4.0

Related Courses: Signals and Systems, Digital Signal Processing, Advanced Engineering Mathematics, Operating Systems

TECHNICAL KNOWLEDGE

Languages: Java, C, C++, JavaScript, HTML, CSS, SQL, jQuery, Python

Software: Eclipse, Octave, MATLAB, JetBrains, Scikit-learn

Databases and Tools: Oracle, MySQL, SQLite, MySQL Workbench

Web Technologies: Servlet, JSP, JAVAFX, WebSphere Application Server, AJAX, Bootstrap, Network protocols.

Frameworks: SPRING, ANGULARJS, NODEJS

WORK EXPERIENCE

IGATE Global Solutions Ltd, Bangalore, India

June 2015 – Dec 2016

Senior Software Engineer

Implemented and modified user interface and services on user request. Proposed and implemented two automations which saved a large amount of time. Reduced time complexity of some methods in codebase from $O(n^2)$ to $O(n \log n)$. Worked as a team member in understanding the business requirement.

DLRL, Hyderabad, India

May 2014 – Aug 2014

Summer Intern

Worked on a project which fetch the information from a digitally modulated signal without knowing the parameters. Getting the information from the distorted signal by amplifying the signal.

PROJECTS

Hand-written digit recognition

May 2017 – June 2017

In this project, I implemented backpropagation algorithm for neural networks and applied it to the task of hand-written digit recognition. I imported and visualized the data (in pixels). By using Feedforward and backpropagation algorithms and one-vs-all logistic recognition I successfully able to recognize the hand-written digits.

Tools/Technologies: Machine Learning, Octave and MATLAB

Restaurant Search

Apr 2017

This Project is used for Searching the restaurant by region, name and other information. For getting the data of restaurants I used Zomato API. Application can be used by both admin, users and connoisseur.

Tools/Technologies: Web Development (API Programming), JetBrains (IDE), Mongo (Database), AngularJS.

Flight Reservation System

Jan 2015 – Mar 2015

Application used for booking the flight tickets. In this application, I implemented the CRUD operations for both flight and users. Every passenger get the conformation mail once he booked a flight ticket. Passengers also gets mail when there is a change in the schedule of the flight.

Tools/Technologies: SPRING (MVC Architecture), ECLIPSE(IDE), MySQL(Database), Bootstrap.

INTERESTS

Playing Cricket, Volunteer work at Teach for India organization.