

Rahul S. Prasad

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Education

Gainesville, FL

University of Florida

Fall 2016 – Present

- M.S. in Computer Science
- GPA- 3.5/4.0

Vellore, India

Vellore Institute of Technology

Fall 2012 – May 2016

- B.Tech in Computer Science. GPA- 8.7/10.0
- Coursework: Operating Systems; Databases; Algorithms; Data Structures; Computer Networks.

Professional Experience

Centre for Development and Advanced Computing, India, Software Intern

Dec 2014 – Jan 2015

- Worked on the Disaster Recovery Management System project

Reliance ADA group, India , Trainee

June – July 2014

Projects

Parser and Code Generator

Jan - April 2017

- Practical workable parser and code generator.
- Technologies Used: Java, ASM bytecode manipulation

Huffman Encoding and Decoding

Jan - March 2017

- Encoding and decoding Huffman tree using the data structures: 4-way optimized heap, binary heap and pairing heap.
- Technologies Used: Java

Dynamic Workflow Scheduling Algorithm

Aug - Nov 2016

- Developed a variant of existing workflow allocation algorithm by using knapsack to dynamically assign virtual machines for performing cloud services.

Gesture Recognition System

Jan - May 2016

- Interface designed for studying hand signals by capture static gestures and interpreting their meaning.
- Software Used: MATLAB

Store Management System

Jan - May 2015

- Application for keeping a record of the items kept in an inventory for determining the availability of any given product.
- Technology Used: PHP, MySQL

GPS Air Traffic Simulation

Jan - May 2015

- Hardware Implementation of a proximity sensor to determine threshold distance between two objects to maintain a safe distance.
- Technologies Used: Arduino programming and Java

Disaster Recovery Management System

Dec 2014 - Jan 2015

- Created a simple login module in order to check and relay latest updates regarding disasters to the users.
- Technology Used: Spring MVC Framework

Languages and Technologies

- C++; C; Python; PHP; SQL; JavaScript; HTML5/CSS; Eclipse; MATLAB; WEKA; MS Office; Ruby on Rails.

Skills and Misc

- Participated in hackathons and creating games using JavaScript, Java and Python
- Certification from Coursera and Internshala upon completing courses in Web Development and Data Structures