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OBJECTIVE

Seeking a full time position in the areas of software development in a dynamic work environment with emphasis on problem solving.

EDUCATION

- M.S. Computer Science,(August 2014 - Present) *Florida State University, Tallahassee*
GPA: 3.5
- B.E, Information Science, *University Visvesvaraya College of Engineering, 2013*
GPA: 3.8

SKILLS

Languages: Java,C++,C Python

Web Frameworks: HTML, PHP, JavaScript, SOAP, XML, Selenium, Ezadmin

Databases: MySQL, Oracle SQL Developer

Application Server: Apache Tomcat

EXPERIENCE

Assistant Software Engineer, TESCO, (August 2013 - August 2014)

- Develop and maintain automation scripts in Selenium
- worked on critical epics like Emergency Product Withdrawal, Exact Transfer Load

Research Assistant : Florida State University,(January 2015 - August 2015)

Graduate Summer Intern : Datamaxx Group, (May 2015 - July 2015)

RELEVANT PROJECTS

- Closest Neighbour Problem (C)
 - Implemented closest neighbour problem using the concept of count inversions.
 - Hash table data structure was made use of because of it's linear time complexity.
- India Premier League(IPL) Database
 - Developed and maintained a database with MySQL
 - Front end with PHP for retrieval
 - Users can book tickets, view match results and details, team details and match history
- In order pipeline and Out of Order execution of LC2 (C)
 - Implemented a cycle accurate simulator for pipe lined implementation of Little Computer(LC2) with data forwarding and branch prediction.
 - Implemented Out of Order execution of Pentium Pro using Tomasulo's algorithm.
- Analysis of Heap data behavior in Region Based Caching.
 - Analyzed the behavior of heap data using gem5 simulator.
 - Collected various statistics of the heap behavior for direct mapped,fully associative and 2-way set associative cache.
- Implemented three sorting algorithms and compared their running times (Java)
 - Implemented Insertion sort, MergeSort and Counting sort to sort positive integers ranging from values 10 to 1 million.
- Implemented K-12 Bandwidth - Calculation Tool)
 - Implemented a web browser based calculation tool to help school principals and district CTOs estimate the bandwidth needed to support specific online activities and services for teachers, students and administrators.