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## EDUCATION

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

## SKILLS

Languages: C, C++, Java, J2EE  
Web Frameworks: HTML, PHP, JavaScript, SOAP, XML, Selenium  
Databases: MySQL, Oracle SQL Developer  
Application Server: Apache Tomcat

## EXPERIENCE

*Assistant Software Engineer*, TESCO, (August 2013 - August 2014)  
Automation tester for General Online Merchandising

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

*Research Assistant*, Florida State University, ( Feb 2015 - Present)Developing J2EE Web application for managing biological research data for international collaboration using Servlet, Web Hosting, Scripting and Parsers.

## RELEVANT PROJECTS

- Extendible Hashing with file structures (C++)
  - maintained database of students in form of records using a file structure
  - student's record contains USN, name, age and college name
- 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
- Fuzzy Search on XMLJ2EE (JSP, SERVLETS, EJB)
  - Convert uploaded text or Java files into XML format
  - restricted search to finding names and contents of file
  - efficient search results even with typos
- In order pipeline and Out of Order execution of LC2 (C)
  - Implemented a cycle accurate simulator for pipelined 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 the gem5 simulator
  - Collected various statistics of the heap behavior for direct mapped, fully associative and 2-way set associative cache

## COURSES

Computer architecture, Data Mining, Advanced algorithms, Advanced database, Cryptography