Saurabh Kardile

Email: skardile@asu.edu   1019, East University Dr • Apt 302 • Tempe, AZ 85281   **Cell Phone** +1(480)465-1643

OBJECTIVE

Energetic and dedicated Computer Science graduate student with strong interpersonal skills and more than 1.5 years of experience in software development seeking a challenging summer internship that utilizes my technical and problem solving skills.

TECHNICAL SKILLS

- **Programming Skills** - Java, C++, C#, ASP.NET, HTML, CSS, JavaScript, XML, JSON
- **Database** - Microsoft SQL Server, MySQL
- **Software** - Microsoft Visual Studio, Eclipse
- **Platform** - Windows, Linux
- **Functional Skills** - Object Oriented Programming, Design Patterns, Agile Methodologies, Software Architecture

PROFESSIONAL EXPERIENCE

Tata Consultancy Services Mumbai, India   April 2014 - May 2015
Software Developer
- Member of a team that developed an Invoice Management Workflow Solution in ASP.NET for one of the largest advertising company and it is used by the client across multiple countries in North America and Latin America
- I was responsible for designing and implementing application prototypes for various countries using ASP.NET and C#. Used Open - closed principle that facilitated easy additions of new countries with minimal changes to the source code.
- Developed a skill of providing a reusable product by working in a stringent timeline and changing user requirements

Tata Consultancy Services Hyderabad, India   December 2013 - March 2014
Software Developer Trainee
- Developed an E Recruitment system using ASP.NET MVC architecture and SQL server 2012 that automated the hiring process of a company and provided a complete functionality starting from vacancy creation to assigning an employee number once the candidate is hired
- Led a team of 5 people to successfully deliver the high quality application
- Got the exposure of working in a complete SDLC starting from requirements gathering to maintenance

EDUCATION

Master of Science in Computer Science   Expected May 2017
Arizona State University, Tempe, Arizona (3.67 / 4.0)

Bachelor of Engineering in Information Technology   May 2013
University of Mumbai, Mumbai, India (3.5 / 4.0)

PROJECTS

Interactive Social Visualization
- Analyzed stackoverflow searching log data to design interactive social visualization using HTML and D3.js
- Discovered various facts and patterns like user's frequently asked queries, their scrolling behavior and variation in query intention

Automatic Intelligent Scheduler and Student Web Portal
- Developed an intelligent algorithm that automatically schedules a timetable for the entire Information Technology Department satisfying all the hard constraints and most of the soft constraints. Student Web portal developed using ASP.NET, C# and MySQL provided a place for student and professor to interact via discussion forum, dropbox for assignment, study material etc. Student could access latest campus news and access E library

Content Based Recommendation System
- By crawling Java Programming wikibooks pages, a content based recommendation system was implemented using Apache Lucene and Java (JSP, Servlets) that recommends similarity based content to stackoverflow's data set

Compiler Construction
- A series of C++ projects staring from lexer, parser and type system were developed. The final step was to design a front end for a compiler by creating an intermediate representation that can be passed to the backend for actual program execution