Kishan Rajasekhar

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Education

University of California Irvine, ***Computer Science***
December 2017

- Academics: 3.71 GPA

Courses: Operating Systems, Computer Networks, Data Structures and Algorithms, Fundamentals of Databases, Web Information Retrieval, Machine Learning

Computer Skills

Languages: Java, Python, C++, C, HTML, CSS, JavaScript, JQuery, MySQL

Frameworks/Technologies: Git, Github, JUnit, Bootstrap, Tomcat, Jenkins

Development Tools: Test Complete (12.31), Eclipse

Work Experience

Automated Software Test Engineer Intern (Current)
ENSCO (Melbourne, Florida)

- Created data driven scripts to test the functionality of both client based Java applications as well as web applications
- Interpreted legacy Quick Test Professional VBScript tests and converted them to Test Complete JavaScript tests appropriate for the testing framework
- Ran multiple tests at the same time through different machines using Jenkins automation server
- Modularized code by writing functions that encapsulate application logic to reduce redundancy in test code

Software Engineering Intern (6/2016 – 8/2016)
Southern California Earthquake Center (University of Southern California, Los Angeles, CA)

- Developed a Java application based on Visualization Toolkit, an open source software system for 3D computer graphics, image processing and visualization
- Imported Java library classes from OpenSHA (Seismic Hazard Analysis), an open source framework, to store shake map data of different parameters to allow users to display more data points
- Added capability to download data files from the United States Geological Survey with earthquake event ID and regional input data
- Developed control panel GUI for shake map plug-in using Java swing toolkit

Python Programming Tutor *Basic Programming and Intermediate Programming* (1/2017 – 6/2017)
Donald Bren School of Information and Computer Sciences (Irvine, CA)

- Demonstrated data types and functions on the Python interpreter, making it easier for beginner programmers to understand concepts
- Guided intermediate students through different programming techniques such as recursion, API parsing, event driven programming, and debugging

Academic Projects

Movie Database (Java, MySQL)

- A web application deployed on Tomcat which displays movie data using information from a database
- Used MySql queries to handle different search filters like search by title, director, or year
- Handled GET and POST requests through Java Servlets and maintained data throughout the session
- Dynamically created front end content using database information with Java Servlet Pages