Education

San Jose State University (SJSU), San Jose, CA (Dec – 2009)

M.S. in Computer Engineering

San Jose State University (SJSU), San Jose, CA (Jun – 2006)

B.E. in Information Technology

Relevant Coursework: Data Structure, Operating System, N/W socket Programming, SW Eng. Management, Web-UI, S/W Quality Testing

Experience

Silver Spring Networks, Redwood City, CA (04/21/2010 – Present)

Software Engineer
- Solving problems in Advanced Metering Management (Smart Grid) product
- Integrated support for all the Timezones
- Created a base for Integration-test framework for applications of the organization
- Working on the GUI Automation Framework using Selenium, JAVA and TestNG

Ericsson, San Jose, CA (02/2010 – 04/2010)

R & D Intern
- Worked on JAVA Swing, JGraph (Open Source JAVA APIS) and XML to build GUI automation tool
- Users (Internal QA) can drag & drop network devices to create topology graph
- Configuration files for testing framework created dynamically based on graph

Infoblox Inc., Santa Clara, CA (07/2008 – 05/2009)

Network QA Intern
- Developed automation tools using Perl, shell and SilkTest
- Developed a web application for internal use with HTML, CSS, CGI and Perl
- Worked with the feature team for GUI automation using Selenium, JAVA, Perl, XML and TestNG
- Responsible for doing sanity testing for DNS, DHCP, RADIUS and SNMP protocols
- Created test matrix and test plan

STG International Ltd., Santa Clara, CA (01/2006 – 06/2006)

Software Developer Intern
- Analyzed and designed Mail-Server for company
- Tools used: J2EE, Oracle and JBuilder

Skill Set

Languages: JAVA, Perl, C++ and C

Scripting Languages: JavaScript (OO), Python, SilkTest, Shell script

Database Systems: Oracle 8i, Mysql

Web Technology: PHP, JSP, Servlets, HTML, CSS, XML, AJAX, Web Services

Frameworks & Concepts: JAAS, JQuery, YUI, JMAKI, Junit, TestNG, Design Patterns, XML, Mockito, Spring

Other Tools: Wireshark, Fiddler, Tcpdump, Qualys scan, Nessus Scan, Bugzilla, Jira, Maven, Eclipse, Perforce N/W Protocols (Knowledge): STP, OSPF,

IS-IS, NAT, IPSec, Streaming Protocols, RIP