

Principal Software Engineer

ROBERT SMITH

Phone: (123) 456 78 99
Email: info@qwikresume.com
Website: www.qwikresume.com
LinkedIn:
linkedin.com/qwikresume
Address: 1737 Marshville Road,
Alabama.

Objective

Software engineer with over 15 years programming experience in GUI, computer graphics, and web server/client communications. Have active security clearance.

Skills

C++, Linux, Windows, TCP, UDP, QT, Perl, Java, Python, Git, XCode, Swift, HTML.

Work Experience

Principal Software Engineer

ABC Corporation - May 2007 - January 2015

- Improved functional and aesthetic GUI features using C++, GTK+ and QT, and added network communication enhancements on client applications for collecting and display mine-detection data and status reports.
- Implemented embedded Integrity OS application in C++ on PowerPC board for collecting radar, metal detector and global positioning system data as well as controlling bracket, lights and alarms on robotic vehicle using UDP and TCP/IP communications.
- Coded algorithms in C++ for metal-detection based on pseudo-code and discussions from other teams.
- Wrote GUI program using Visual C++ that collected data from Agilent PNA Network Analyzer and formatted data to a file using Agilent's software libraries.
- Developed program in Python for analyzing data files and producing statistical information.
- Used Klocwork code analysis tool on various code for resolving software vulnerabilities.
- Maintained legacy data-collection software for older vehicles and added features on demand for last-minute require enhancements before deployment for field-testing.

Principal Software Engineer

ABC Corporation - 2002 - 2007

- CA TETRATECH Struts Java developer working on web-based budget modeling application.
- Maintain existing Oracle stored procedures, triggers, and scripts.
- Develop Struts actions, JSPs, data access POJOs, and database schema.
- Reverse-engineered existing components without source using JAD decompiler.
- Implemented configuration manager role.
- Phased out "ad-hoc" deployments.
- Java, JSP, JSTL, PL/SQL, Tomcat, Struts, Oracle 10, Mercurial, Netbeans, XML, Ant, Tiles, Extraview, CMMI Level III.

Education

MS in Computer and Information Science - (University of Pennsylvania)