

Caleb D. Jones

1207 Howell Ct ♦ Newark, OH ♦ 43055 ♦ (740) 501-5111 ♦ Cale.D.Jones@gmail.com

QUALIFICATION SUMMARY

Dynamic and highly driven Software Engineer looking for a challenging position with a great organization. Equipped with the necessary knowledge, skills and abilities in areas pertaining to software, security and mobile systems. Creative problem-solving skills, good interpersonal skills and the ability to communicate effectively.

EDUCATION

DeVry University

Columbus, Ohio

Graduation Date: August 2013

Bachelor of Science in Electronic Engineering Technology

Dean's List 2011/2012/2013

TECHNICAL SKILLS

Skilled with:	Experience with:	Software:	IDEs/Operating Systems
<ul style="list-style-type: none">• Java/XML/Bash/C• Project Management• Software Security• SQL/Databases• Unix/Linux Scripting	<ul style="list-style-type: none">• Automotive AOSP• Pen Testing• Specification Design• Version Control• Technical Writing	<ul style="list-style-type: none">• Open Source• Atlassian/Team Concert• Gitlab/Github/Gerrit• Firebug/Fiddler• Linux Utilities	<ul style="list-style-type: none">• Linux/Unix/Windows• Android OS• Arduino IDE• Android Studio• Visual Studio

MOBILE DEVELOPMENT EXPERIENCE

Personal Development

January 2014 – Present

Android Developer

Creating Android applications for the Google Play marketplace from developmental stages to Production

- Released and maintain four applications on the marketplace
- Develop GPS location services, audio/hardware management and countdown widgets
- Update and maintain released applications and documentation as necessary
- Engage users for better customer experience

PROFESSIONAL EXPERIENCE

Honda R&D, Raymond, Ohio

April 2017 - Present

Infotainment (Head Unit) Software Developer

- Develops, writes and issues specifications and requirements for Honda/Acura infotainment system components
- Manages infotainment software security program during development and maintenance lifecycles
- Conducts pen testing on vehicle platforms to validate software security and specifications
- Understands and collects functional (hardware, software & communication) requirements for system components
- Supports maturation and testing on multiple vehicle platforms
- Supports development and coordination of software functions to meet market requirements of infotainment system
- Coordinates change points with suppliers to achieve the development requirements on schedule
- Supports vehicle software testing to guarantee product acceptance for mass production
- Analyzes/interprets test results, predicting performance/failure and providing required product/design data, communicating test results clearly in written reports/formal presentations and making general recommendations based on analysis of testing results
- Writes all necessary reports, presentations or technical documents to explain and/or make a record of the development activities

IBM, Dublin, Ohio

January 2014 – March 2017

QA Software Engineer (eCommerce B2B Cloud Software)

- Recommended design improvements or corrections to engineers throughout the development process
- Executed test plans and created test reports to describe program evaluation, testing, and correction
- Defined test methods and created test plans for new or updated software projects to determine if the software will perform accurately and reliably according to documented requirements as well as established standards under both normal and abnormal conditions
- Reviewed product design documentation to ensure that requirements stated are correct, unambiguous, and verifiable
- Prepared and installed builds on IBM's eCommerce cloud based software systems.
- Utilized the Unix and Linux terminal for testing and manipulation purposes
- Improved operations by conducting systems analysis and recommending changes in policies and procedures
- Protected operations by keeping information confidential
- Accomplished engineering and organization mission by completing related results as needed
- Developed software solutions by studying customer needs, regression/performance testing, studying problem areas and following the software development lifecycle

Roto Studio LLC, Dublin, Ohio

August 2012 – December 2013

Science Exhibit Technician (Co-op)

- Assisted development, building and installation of mechanical or electronic components into exhibitory
- Programmed Arduino Microcontrollers to manipulate exhibit control systems
- Built exhibits according to schematics
- Researched new equipment, components and materials needed for exhibit production
- Developed documentation for all exhibits including software backup and recovery procedures
- Communicated with supervisors and project engineers regarding the status of ongoing projects
- Ordered shop supplies and parts needed for exhibit projects
- Assisted in installs and warranty work of exhibits and their individual systems
- Utilized several different types of machining equipment including drills, lathe and mill

United States Marine Corps, USA

March 2006 - March 2011

Communication/Navigation/Weather Technician

- Analyzed electronic schematics to consistently troubleshoot and understand the electronic theory and phenomena of RF communications, navigational aids and weather systems
- Designed and implemented an electronic switching system to constantly transmit a live Automated Surface Observance System (ASOS) Weather report over a designated frequency during closed airfield operations
- Performed planned/corrective maintenance, testing and alignment on communications, navigational aids and weather systems including the CM-200 UHF/VHF transmitters/receiver radios, tactical air navigation systems, and ASOS
- Trained and managed personnel in the proper procedures for maintaining and operating air traffic control radios, communication, telephones, recorders, navigational aids, and Weather systems
- Installed antenna assemblies for receiver and transmitter RF communications