

Technical Skills

Languages

Java/C#
HTML/CSS
Python/Bash

Technologies

Android SDK/ADB
Git/SVN
Arduino/Raspberry Pi
JSON/Charles Proxy

Testing

Exploratory testing
Espresso API
TDD Fundamentals - JUnit
Selenium IDE

Coding Environments

Eclipse
Android Studio
Sublime/Brackets

Development Environments

Agile scrum
Linux/OS X - Terminal
Windows - CMD
Android/iOS - Developer tools
and UI patterns

Project Management Tools

JIRA by Atlassian
Pivotal Tracker

Courses

University of Waterloo

> Fundamentals of
Programming (C#)

> Engineering Design with
Embedded Systems (Java)

> Digital Circuits and Systems
(VHDL)

Courseware

> Developing Android Apps by
Google/Udacity (Android)

> Make a Website by
Codecademy (HTML/CSS)

> Introduction to Computer
Science by Harvard edX (C)

Experience

Pivotal Labs

Agile Test Engineer (January 2015 - May 2015)

- Performed manual testing on 10+ Android and iOS applications as part of the agile development cycle using 75+ devices, logged 100s of bugs and feature requests, and saw 3 applications through to release
- Applied exploratory testing methodologies to expose issues in the following areas: UI/UX, platform/device specific, app logic, activity lifecycle, client API, edge case, race condition, network status etc.
- Developed core Android UI tests in Java using Google's Espresso API and assisted in setting up fake server requests/responses to design an automated test suite that provided developers instant feedback for regressions using Jenkins continuous integration
- Organized 2 beta sessions for Android applications — assisted in prioritizing and aggregating 40+ pages of written feedback into tracked bugs and feature requests for the official releases
- Utilized the following tools in testing and reporting: JIRA, Pivotal Tracker, ADB, Charles Proxy, Xcode, Selenium IDE and Bash

Livingston International

PC Support Specialist (December 2013 - April 2014)

- Supported 1000s of internal employees, in 100+ locations globally, by phone, email, and in person in order to optimize employee efficiency
- Addressed issues in the following areas: PC (hardware and software), Office 365, BlackBerry device and network, domain and VPN access, printers and MFUs and security account management
- Acted as monthly team captain and reduced a 200 ticket backlog to 150 in a single week by effectively managing ticket assignment

Projects

- [Medical Acronym Dictionary](#) - Developed a native Android application that uses the Acromine REST Service to display a list of long forms given a medical abbreviation
 - Primary components included: an AsyncTask that builds a URI, performs a Get, and parses raw JSON to construct a list of valid long forms and a SQLite database for search term history
- [EngHack 2014: Text Based Game](#) - Collaborated with 3 team members for 24 hours on a console based RPG game written in C#
- [Personal Website](#) - Designed a personal webpage in HTML and CSS using the Materialize CSS framework and Google's Material Design
- [Arduino](#) - Constructed various microcontroller based circuits using: breadboards, LEDs, resistors, potentiometers, and photoresistors
- [Pi Tweet Home](#) - Wrote a script in Python running on Raspberry Pi 2 that uses Twitter's API to send a tweet to the user upon arriving home