

Corey Wu

2B Computer Engineering

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SKILLS SUMMARY

Languages:

- **Experienced with:** Java, Python
- **Familiar with:** C, C++, C#, Assembly, PHP, Bash, MATLAB

Tools & Technologies: Eclipse, Android, JUnit, Git, Vagrant, Amazon EC2, Vim, SQL, L^AT_EX

EXPERIENCE

Software Intern

Seattle, WA

Seeq

Jan. 2014 – Apr. 2014

- Developed a cloud-based integration test architecture to perform tests on virtual machines using Vagrant and Amazon EC2 instances.
- Designed and implemented a server configuration and monitoring component that allowed for a one-click, zero-configuration trial product.
- Gained experience with graph databases (Titan & Neo4j) and big data technology.

Key Technologies: Java, Titan, Vagrant, Amazon EC2, Python.

Test Automation Developer

Toronto, ON

Polar (formerly Polar Mobile)

Apr. 2013 – Aug. 2013

- Helped team achieve continuous deployment using Buildbot, reducing release cycle time significantly.
- Developed and automated Selenium tests using JUnit to thoroughly test mobile and web applications in multiple browsers.

Key Technologies: Java, JUnit, Eclipse, Selenium, Buildbot.

PROJECTS

UW Food Menu

Waterloo Food Services Android App

Jun. 2013 – Aug. 2013

- Designed a parser to asynchronously request and parse JSON from the University of Waterloo API and display in app; data is fetched weekly and cached for future use.
- Integrated with Google Maps API to display a map of eateries.
- Implemented Python and PHP scripts to parse API data and store in a MySQL or SQLite database.

Key Technologies: Java, Android, Eclipse, Python, PHP, MySQL, Git.

EDUCATION

Candidate for Bachelor of Applied Science

Waterloo, ON

University of Waterloo

Sept. 2012 – Present

- **Relevant Projects**

- **RTX Kernel Programming**

In Progress

- Learning ARM RL-RTX kernel programming by adding library functions to ARM RL-RTX library.
 - Developed on Cortex-M3 LPC1768 microprocessor.

- **Relevant Courses:** Operating Systems & Systems Programming, Algorithms & Data Structures, Embedded Microprocessor Systems, Digital Computers.

- **Awards**

- **Dean's Honour List**, University of Waterloo

Mar. 2014