

# Corey Wu

2B Computer Engineering

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## SKILLS SUMMARY

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### Languages:

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

**Tools & Technologies:** Eclipse, Android, JUnit, Vagrant, Amazon EC2, Git, Vim, MySQL,  $\LaTeX$

## EXPERIENCE

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### Software Intern

Hood River, OR

Seeq Inc.

Jan. 2014 – Apr. 2014

- Gained experience with graph databases and big data technology.
- Developed a cloud-based integration test architecture to perform tests on virtual machines using Vagrant and Amazon EC2 instances.
- Developed a process supervisor to start component processes and integrate them into a product.

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

### Test Automation Developer

Toronto, ON

Polar (formerly Polar Mobile)

Apr. 2013 – Aug. 2013

- Helped team achieve continuous deployment through continuous integration using Buildbot, reducing release cycle time significantly.
- Developed and executed Selenium test cases in Java using the JUnit framework to thoroughly test mobile and web applications in multiple browsers.

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

## PROJECTS

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### UW Food Menu

Waterloo Food Services Android App

Mar. 2013 – Present

- 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

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### Candidate for Bachelor of Applied Science

Waterloo, ON

University of Waterloo

Sept. 2012 – Present

- **Relevant Projects**

- Map Navigation Android App**

- Designed an Android application to algorithmically navigate a user past obstacles to a chosen destination on a map using magnetic field and gyroscope sensor inputs.

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

- **Awards**

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

Mar. 2014