

# 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

## 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.

#### • Awards

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

Mar. 2014