

Ivy Zhou

Software Engineering



Github: [ivy-zhou](#)



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Skills

Languages

Python JavaScript
Java C C++ MySQL

Markup

HTML CSS LESS

Tools

Git Android
Angular Selenium
Adobe Illustrator
Adobe Photoshop

Education

2015 - present

Candidate for Bachelor
of Software Engineering,
University of Waterloo

July 2016

Machine Learning by
Stanford University on
Coursera certification

2011 - 2015

Ontario Secondary
School Diploma (OSSD)
Honours, Richmond Hill
High School

Work Experience

QA Engineer Intern
OpenText
May - August, 2016

- > Automated all testing responsibilities (all test cases on iOS, Android, and web) on the FirstClass project 4-8 months ahead of schedule
- > Reworked cross-browser Selenium test library to be more thorough and robust, maintaining a library of 300+ test cases in Python
- > Took initiative in implementing and documenting many testing tools i.e. environment reset scripts, test runners with GUI, basic functions library

Projects

See more at [ivyzhou.me](#) or [github.com/ivy-zhou](#)

Time tasker
<https://git.io/v6hW1>
August 2016

- > Developed a Chrome desktop app that tracks your progress on tasks with countdown timers
- > Built on the Materialize framework and currently being rewritten as an Angular app

Skyler
<https://git.io/v6hlg>
August 2016

- > Created an Android app that fetches the weather for the user's location using the Forecast.io API
- > Allows users to maintain the background color of the app as the color of the sky by taking a picture of it

Debt Collect
<https://git.io/vKPtl>
December 2015

- > Developed an Android app as a team that helps users keep track of and pay off debt by scanning or using NFC with their credit/debit card using the Stripe.io API
- > Integrates with a MySQL database backend to track user's friends and past transactions
- > Built over the course of 48 hours at EngMathHack

Activities + Awards

ESQ Girls Club
Volunteer
University of Waterloo
September 2015 -
present

- > Selected as a volunteer at the Technology and Coding club of the Engineering Science Quest program
- > Mentored girls through programming projects like making a game using the Arduino Gamer Kit and drawing fun fractals using PyTurtle

Awards: University of Waterloo Grace Hopper Conference Scholarship (2016), University of Waterloo President's Scholarship, National AP Scholar Award

Other activities: University of Waterloo Engineering Orientation Leader, Slam Poetry Club (University of Waterloo)