

Ivy Zhou

Software Engineering



Github: [ivy-zhou](#)



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Skills

Languages

Java JavaScript C
Python C++

Markup

HTML CSS LESS

Tools

Git AutoCAD
Adobe Illustrator
Adobe Photoshop
SketchUp

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

- > Built automated testing libraries for mobile using Appium originally slated to take 8 months to complete
- > 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 a wide range of testing tools, i.e. environment reset scripts and dynamically generated GUI test runners

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 as a team an Android app 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, University of Waterloo President's Scholarship, National AP Scholar Award

Other activities: University of Waterloo Engineering Orientation Leader, fan of slam poetry and regular poetry