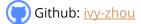
Ivy **Zhou**

Software Engineering





i2zhou@uwaterloo.ca

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

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

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

- > 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
- > 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
- 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