

Ivy Zhou

Software Engineering



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Skills

Languages

Java JavaScript C
Python MySQL C++
jQuery

Markup

HTML CSS LESS

Tools

Git AutoCAD Grunt
Adobe Illustrator
Adobe Photoshop
SketchUp

Education

2015 - present

Candidate for Bachelor
of Software Engineering,
University of Waterloo

2011 - 2015

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

Work Experience

QA Engineer

OpenText

May - August, 2016

- > Built end-to-end automated testing libraries for iOS and Android platforms using Appium
- > Reworked cross-browser (desktop) Selenium test library to be more thorough and robust
- > Took initiative in implementing and documenting a wide range of testing tools, including environment reset scripts and a dynamic GUI test runner

Projects

[ivyzhou.me](#)

December 2015

- > Self-studied HTML, LESS, and JavaScript/jQuery by building a personal website from scratch with the HTML5 boilerplate
- > Implemented sidebar swipe-in and swipe-out on touch compatible devices and JavaScript animations
- > Developed as a team an Android application that helps users keep track of and pay off debt by scanning or using NFC with their credit/debit card
- > Built over the course of 48 hours at EngMathHack

Debt Collect

<https://git.io/vKPtl>

December 2015

Awards

ECOO Semi-finalist

Educational Computing Organization of Ontario

2013, 2014

- > Twice represented high school and school board at the ECOO Programming Contest
- > Placed as top girls team in York Region, built teamwork and coding skills by solving problems using pair programming

Other awards: Grace Hopper Scholarship, President's Scholarship, National AP Scholar Award, USACO Bronze

Activities

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
- > Taught girls how to program a game using the Arduino Gamer Kit

Other activities: Orientation Leader, Computer Science Club Executive at Richmond Hill High School