

Ivy Zhou

Software Engineering

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Experience

Innovation Engineer, CIBC Live Labs – January to April, 2017

- Gained expertise in Java Spring backend through implementing an API migration
- Developed and deployed a feature for creating and viewing your savings goals on the CIBC Mobile Banking iOS app in a 3 week time crunch
- Prototyped a financial advisor Android app as a part of Innovation Week at CIBC Live Labs, which was then presented to CIBC executives
- Led development of a production-ready Facebook bot which checks and tracks the rates of global money transfers

QA Engineer Intern, OpenText – May to August, 2016

- Built automated testing libraries for mobile using Appium and cross-browser Selenium tests spanning 300+ test cases in Python
- Took initiative in implementing and documenting a wide range of testing tools

Skills

Objective-C, JavaScript, Java, Python, Swift, C++, C
HTML, CSS

Projects

Debt Collect

- 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

Education

University of Waterloo – Bachelor's of Software Engineering, 2020
Machine Learning by Stanford University on Coursera certification, 2016

Awards

CIBC Technology Co-op Achievement Award, April 2017

Awarded to one intern in the CIBC Technology co-op program every term for outstanding achievement

University of Waterloo Grace Hopper Conference Scholarship, 2016

Awarded as funding to attend the Grace Hopper Conference, the largest conference for women in computing in the world, for students at the University of Waterloo with outstanding contributions to the cause of women in computer science

Others: University of Waterloo President's Scholarship, National AP Scholar Award

Activities

Fan of anime, literature, stand-up comedy, sit-down restaurants, slam poetry and regular poetry