

# John Wu

647-323-3376 • [john.b.wu@uwaterloo.ca](mailto:john.b.wu@uwaterloo.ca) • [johnwu.ca](http://johnwu.ca) • [github.com/johnbwu](https://github.com/johnbwu)

## Work Experience

### **SigOpt | San Francisco, CA**

*Jan 2016 - May 2016*

#### **Software Engineer**

- Designed, implemented, and shipped an interactive onboarding tutorial, featured as the primary call-to-action on the landing page and on all marketing material
- Developed and released a cutting-edge machine learning optimization strategy used in the core product
- Created and launched a dashboard for the main optimization flow, allowing users to manage all their API needs in one view

### **SAP SE | Waterloo, ON**

*Jan 2015 - May 2015*

#### **Software Developer**

- Developed predictive maintenance software to analyze real time sensor data and send notifications when thresholds were exceeded
- Implemented a RESTful API to create and retrieve work order data from a SQL Anywhere database

### **Work Market | New York City, NY**

*Apr 2014 - Aug 2014*

#### **Software Engineer**

- Designed, developed, and shipped the community forums using Spring and Backbone
- Architected the database and search for thousands of discussions using MySQL and Apache Solr
- Developed comprehensive test suite with JUnit, Mockito, Cucumber, and Selenium

## Projects

### **Choosr: React, Flask, SQLite**

*Sept 2016 - Present*

[devpost.com/software/choosr](http://devpost.com/software/choosr)

- Winner of Hack the North 2016 for best use of the Yelp API
- Allows friends to remotely suggest and vote on places to eat, returning the most preferred restaurant using the Schulze method

### **Convict Conditioning: Android, Java**

*Jan 2015 - Present*

[play.google.com/store/apps/details?id=johnwu.ca.convictconditioning2](http://play.google.com/store/apps/details?id=johnwu.ca.convictconditioning2)

- Designed, developed, and released a native Android fitness app
- Published on the Google Play Store with 10,000+ downloads and an average rating of 4.6/5

## Education

### **4A CS/BBA Double Degree**

#### **University of Waterloo**

Bachelors of Computer Science

*Sept 2013 - Present*

#### **Wilfrid Laurier University**

Bachelors of Business Administration

*Sept 2013 - Present*

90% cumulative average,  
Mathematics Dean's  
Honours List

## Skills

### **Languages**

Python, JavaScript, Java, C++, HTML, CSS, SQL, PHP

### **Technologies**

React, Android, Flask, Pyramid, Spring, MySQL, Apache Solr

### **Tools**

AWS, Git, Unix, Bash, Perforce

## Interests

Basketball, soccer, volleyball, traveling, guitar, board games, video games