

# JOHN WU

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## SUMMARY OF QUALIFICATIONS

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- Skilled at writing functional, efficient, and maintainable code both independently and within a team
- Proficient in Java, C++, Javascript, and SQL, familiar with Python and PHP
- Comfortable working with both the frontend and backend of web and Android applications
- Demonstrated leadership as the president of the UW/WLU Double Degree Club
- Passionate about technology and learning new things - 88% cumulative university average

## WORK EXPERIENCE

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### SAP

Waterloo, ON

*Application Developer Intern*

*January 2015 to May 2015*

- Developed predictive maintenance software by using SAP HANA to analyze big data in real-time
- Wrote a RESTful API to create and retrieve work orders and equipment data
- Implemented features across the stack for an oil drilling Internet of Things web application

### Work Market

New York City, NY

*Software Engineer Intern*

*April 2014 to August 2014*

- Fully owned the full-stack development and release of the platform's community forums
- Developed features such as posting, nested comments, and tagging on the Spring MVC framework
- Implemented fast advanced search for the forums using Apache Solr
- Designed and implemented responsive UI for multiple pages using jQuery, LESS, and underscore.js
- Wrote a fully automated unit and integration test suite using JUnit, Mockito, and Capybara

## EXTRACURRICULARS

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### Convict Conditioning Android Application

*January 2015 to Ongoing*

🌐 Github, 🌐 Play Store

- Published on the Play Store with over 1000 downloads and a 4.4/5 average rating
- Developed a native Android application for a body-weight fitness and strength regimen
- Architected ExpandableListViews to display workout information such as exercise summary, number of repetitions and sets, reference picture, and a video guide
- Implemented progress tracking using Android stored preferences

### UW Section Finder

*January 2014 for MHacks III*

🌐 Github

- Developed a native Android application to track the timings and locations of UW classes
- Leveraged the UW API to find alternative locations, times, and professors for all courses
- Wrote Python script to scrape and display relevant ratings from RateMyProfessor.com

## EDUCATION

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### University of Waterloo

*September 2013 to Present*

*Candidate for Bachelors of Computer Science*

### Wilfrid Laurier University

*September 2013 to Present*

*Candidate for Bachelors of Business Administration*

### Cumulative Average: 88%

Currently in the process of obtaining my BCS from the University of Waterloo and my BBA from the Wilfrid Laurier University as part of a double degree program.