

# 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, Javascript, SQL, C++, and Python, listed in decreasing experience
- Extremely comfortable working with both the frontend and backend of web and Android applications
- Leadership skills demonstrated as president of the UW/WLU Double Degree Club
- Passionate for technology and learning new things - 89.3% cumulative university average

## WORK EXPERIENCE

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### SAP

*Application Developer Intern*

Waterloo, ON

*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
- Developed features across the stack for an oil drilling Internet of Things web application

### Work Market

*Software Engineer Intern*

New York City, NY

*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 lightning-fast advanced search for the forums using the Apache Solr engine
- Designed and implemented responsive UI for multiple pages using jQuery, LESS, and underscore.js
- Architected fully automated unit and integration test suite using JUnit, Mockito, and Capybara

## EXTRACURRICULARS

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### Convict Conditioning Android Application

<https://github.com/johnbwu/ConvictConditioning>

- Developed a native Android application for a body-weight fitness and strength programme
- Architected custom advanced ExpandableListViews to display exercise information such as exercise summary, reps, sets, reference picture, and a video guide.
- Implemented a progress tracking feature using Android stored preferences

### UW Section Finder

<https://github.com/johnbwu/UW-Section-Finder>

MHacks IV

- Developed a native Android application for uWaterloo class tracking
- Leveraged uWaterloo API to determine alternative timings and locations for a given course
- Wrote Python script to fetch relevant scores from RateMyProfessor and display them

## EDUCATION

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### University of Waterloo

*Candidate for Bachelors of Computer Science*

*September 2013 to Present*

### Wilfrid Laurier University

*Candidate for Bachelors of Business Administration*

*September 2013 to Present*

### Cumulative Average: 89.3%

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