

# 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
- Experienced in full-stack web and Android application development
- Demonstrated leadership skills 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 using SAP HANA to analyze real-time sensor data
- Wrote RESTful API to create and retrieve work order data from a SQL Anywhere database
- Implemented features across the stack for an oil drilling Internet of Things web app, using the SAPUI5 MVC framework for the front-end and a SQL Anywhere database for the back-end

### Work Market

New York City, NY

*Software Engineering Intern*

*April 2014 to August 2014*

- Fully owned the full-stack development and release of the platform's community forums
- Contributed as part of an Agile development team using Git, Amazon AWS/EC2, and Jenkins
- Developed features such as posting, nested comments, and tagging on the Spring MVC framework
- Constructed data model and implemented fast search for the forums using MySQL and Apache Solr
- Designed and implemented responsive UI/UX using HTML5/JSP, LESS/CSS, and jQuery
- Wrote fully automated unit and integration test suite using JUnit, Mockito, and Capybara

## EXTRACURRICULARS

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### Convict Conditioning Android Application

 Github,  Play Store

*January 2015 to Ongoing*

- Developed a native Android application for a popular fitness and strength workout program
- Published on the Android Play Store with over 1000 downloads and a average rating of 4.4/5
- Created custom ExpandableListViews to display exercise information such as number of sets/repetitions and picture/video how-tos
- Implemented local user progress saving and tracking using Android Stored Preferences
- Leveraged native and custom Material Design libraries for simple and attractive UI and UX

### University of Waterloo Class Finder

*MHacks III Hackathon, Detroit MI*

 Github

*January 2014*

- Developed a native Android application as part of a team displaying when, where, and by whom each course was being taught
- Wrote Python script to scrape and display professor ratings from RateMyProfessor.com

## EDUCATION

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### University of Waterloo

*September 2013 to September 2018 (Expected)*

*Candidate for Bachelors of Computer Science*

### Wilfrid Laurier University

*September 2013 to September 2018 (Expected)*

*Candidate for Bachelors of Business Administration*