

JOHN WU

john.b.wu@uwaterloo.ca · www.johnwu.ca · www.github.com/johnbwu · (519) 781-9181

SUMMARY OF QUALIFICATIONS

- 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

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 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 using jQuery, LESS/CSS, and underscore.js
- Wrote fully automated unit and integration test suite using JUnit, Mockito, and Capybara

EXTRACURRICULARS

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

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.