

Ryan Wirth

Computer Science Major, Third Year

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TECHNICAL SKILLS

- Extensive experience in front-end web development with JavaScript/HTML/CSS
 - Exposure to Firebase, Vue, Webpack and Google App Engine
- Experience with Android and iOS application development using Java/Objective-C
- Proficient at automated web application testing using Robot Framework (Selenium)

WORK EXPERIENCE

SMART Technologies (Calgary) - *Software Developer Intern*

September 2017 - August 2018

- Implemented various user-facing features for Vue- and vanilla JavaScript-based applications
- Designed a soft-delete system for an application built with Firebase Realtime Database
- Updated Android and iOS applications to use a new proprietary session API
- Wrote automated tests using Robot Framework and performed manual testing
- Fixed bugs and assisted in sprint-end testing

EDUCATION

The University of British Columbia, Vancouver, BC - *Computer Science Major (B.Sc.)*

September 2015 - Present

- Trek Excellence Scholarship (2016, 2018)
- Science Scholar Designation (2016)
- J. Fred Muir Memorial Scholarship (2016)
- Charles and Jane Banks Scholarship (2016)

PERSONAL PROJECTS

GeoPost (nwHacks 2017 - Best Node.js App on CockroachDB Winner)

JavaScript/CockroachDB/PHP (March 2017)

- Collaborated with a team of three other developers to create a JavaScript web application to view geographically placed images based on their proximity to the user
- Used CockroachDB deployed on Amazon EC2 to store post and comment data
- Wrote a separate PHP backend for uploading and processing user images

UBC Schedule Finder

JavaScript (January - April 2017)

- Designed a web application to create student schedules through generative recursion
- Lazy-loaded course data from UBC's Student Service Center via AJAX

Strength Standards

JavaScript/Apache Cordova (September 2016)

- Developed a responsive web application to track users' weightlifting progress and visualize their data with Chart.js
- Packaged with Apache Cordova into a mobile application for Android and iOS