

# David Schriemer

Victoria, British Columbia

Phone: 250-300-0532

Email: David.Schriemer@gmail.com

Github: DSchriemer

## EDUCATION AND TECHNICAL SKILLS

University of Victoria

September 2016 - April 2020

**Bachelor of Science, Computer Science** - Software Engineering Option, Work Experience

**Technical Skills and Experience:** Java, Python, HTML, CSS, Javascript, Bootstrap, PowerShell, REST services, MySQL, Unix/Linux, Version Control

## RELATED EXPERIENCE

Digital Systems Co-op Student - Teck Resources Ltd.

May 2019 - December 2019

- Developed software using **Python** and **RESTful Services** to monitor and provide previously unknown device downtime information to the Operational Technology team
- Used **SQL** and **SQL Server Reporting Services** to develop realtime cybersecurity compliance reports for each coal and copper mine which automated the Cybersecurity team's manual workload
- Wrote **PowerShell** scripts that automated lab technician reporting at multiple water treatment sites
- Documented software, network diagrams, and cybersecurity procedures

Engineers Without Borders (EWB) - Co-President

September 2018 - January 2019

- Oversaw and organized all of EWB's meetings, presentations, and group activities at the University of Victoria
- Maintained strong relationships with the university, national office, the local community, and other EWB chapters
- Encouraged, motivated, challenged, and lead individuals while promoting EWB values

## RELEVANT PERSONAL PROJECTS

Health Today

- Collaborating with Island Health to develop a mobile app for current volunteers and increasing volunteer numbers
- The Android app is being developed with **Java**, and the iOS app is being built with **Swift**
- Awarded second place and the Peoples Choice Award at the 2020 Island Health Hackathon

Ski Base

- Developed an Android app using **Java** that monitors ski conditions and new snow at ski resorts around the world
- Used the JSoup Java library to parse HTML information and provide real time condition tracking
- Currently developing a **Machine Learning** page that uses Naive Bayes to predict for future snow conditions

Schedulelearn

- Built a web app for tutors and students to organize and schedule lessons
- Developed mobile and desktop pages on the website using **CSS**, **HTML**, **Bootstrap**, and **Javascript**
- Implemented the Google Maps **API** that streamlines the process of booking a lesson

## RECENT COMPUTER SCIENCE EVENTS

Code Hack 2020

March 2020

- Developed and prototyped an Android App built with **Java** that assists current and incoming volunteers
- Worked closely with hospital administration, medical personal, and volunteers to design and implement the app
- Finished in second place and won the Peoples Choice Award

NWHacks

January 2020

- Worked with two other CSC students to develop a web application for tracking and reducing your carbon footprint
- Developed pages of the app using **HTML**, **CSS**, **Javascript**, and the Google Maps **API**

References available upon request