

Matthew Chow

Computer Engineering Co-op Student

Contact

☎ 403-630-5811

✉ mattchow918@gmail.com

🌐 matthewchow.me

🐙 [mpchow](https://github.com/mpchow)

🌐 [matthewpchow](https://www.linkedin.com/in/matthewpchow)

Languages JavaScript HTML/CSS Java C/C++

Tools React Express Git JUnit IntelliJ

Education

University of British Columbia

Bachelor of Applied Science, Computer Engineering ∴ Expected May 2023

» GPA: A-, Deans List

» Courses: Data Structures and Algorithms, Principles of Software Construction, Mathematical Proof

Experience

Incoming Software Developer Intern @ SAP

September 2020 – April 2021 ∴ Vancouver, BC

QA Engineer Intern @ Perk Labs

July 2020 – Present ∴ Vancouver, BC

» Delivered an optimal experience for 1000's of users through regression, integration, and unit tests

» Reduced the development team's workload by learning React Native to assist in developing features and resolving bugs

Software Developer @ UBC Solar

September 2019 – April 2020 ∴ Vancouver, BC

» Designed the delivery of the solar car's telemetry data with a web app for strategical analysis during competition

» Expanded the user base by utilizing HTML and CSS to create a scalable frontend design

Projects

FOEX ∴ [nwHacks2020 \(Wolfram Award Top 35/145\)](#)

January 2020

» Mitigated food waste through an Android app with Java that captures an image of produce and logs an estimated expiry date

» Extracted colour and object from images to classify and determine an expiry date with the Azure Computer Vision API

» Java, Microsoft Azure Computer Vision API, Android Studio

WikiMediator Server

November 2019 – December 2019

» Engineered a Java server application to efficiently deliver Wikipedia results

» Optimized for multiple clients by leveraging multithreading; verified correctness with unit, and regression testing

» Java, jwiki API, JUnit

UBCNav ∴ [UBC Local Hack Day](#)

November 2019

» Developed a central Android app with Java for UBC students to locate areas to eat, study, and access other campus services

» Integrated routes for people with impairment movement with the Google Maps API

» Java, Google Maps API, Google Maps Android SDK, Android Studio

Awards

» Alexander Rutherford Scholarship, Suncor Scholarship