

Matthew Chow

Computer Engineering Co-op Student

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Languages	Java JavaScript C/C++ Python HTML/CSS
Tools	ReactJS ExpressJS Git JUnit IntelliJ VSCode
Experience	<div><div>iXp Intern, Agile Developer SAP Vancouver, BC</div><div>Incoming September 2020 - April 2021</div></div> <div><div>Quality Assurance Engineer Intern Perk Labs Vancouver, BC</div><div>July 2020 - Present</div></div> <div><div>Software Developer UBC Solar Vancouver, BC</div><div>September 2019 - April 2019</div><ul style="list-style-type: none">• Designed and deployed a web app to display the telemetry data of a solar-powered car• Utilized HTML and CSS to create a frontend that prioritizes the delivery of data to the user and is scalable for all screen sizes</div> <div><div>Electronics Mechanical Cable Assembler IMS Calgary, AB</div><div>June 2019 - August 2019</div><ul style="list-style-type: none">• Assembled electronic components such as PCBs and an air purification device in accordance to detailed manufacturing instructions• Directed assembly of 10 train control modules within a two week time constraint</div>
Projects	<div><div>FOEX nwHacks2020 (Wolfram Award Top 35/145)</div><div>January 2020</div><ul style="list-style-type: none">• Engineered an Android application that reduces food waste by capturing an image of produce and logging an estimated expiry date• Composed with the Azure Computer Vision API to analyze an image's colour information• Java, Microsoft Azure Computer Vision API, Android Studio</div> <div><div>WikiMediator Server CPEN 221</div><div>December 2019</div><ul style="list-style-type: none">• Constructed a server application that utilizes the jwiki API to handle Wikipedia requests• Integrated multithreading to handle multiple clients and verified correctness with unit, and regression testing• Java, jwiki API, JUnit</div> <div><div>UBCNav UBC Local Hack Day</div><div>November 2019</div><ul style="list-style-type: none">• Developed an Android application to create a central hub for UBC students to locate places to eat, study, and other various services• Integrated the Google Maps API to adapt routes for people with physical impairment• Java, Google Maps API, Google Maps Android SDK, Android Studio</div>
Education	<div><div>University of British Columbia Bachelor of Applied Science, Computer Engineering Expected May 2023</div><ul style="list-style-type: none">• GPA: A-, Deans List• Relevant Courses: Principles of Software Construction, Mathematical Proof, Data Structures and Algorithms</div>