

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

## **Awards**

- Alexander Rutherford Scholarship, Suncor Scholarship