

Cameron Lee

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EDUCATION

University of British Columbia

Vancouver, BC

Bachelor of Science, Computer Science

Sep. 2022 - Apr 2026

- Relevant courses - Computer Science 110, 121, 210, 221, 213, Data Science 100, Math 100, 101

WORK EXPERIENCE

QA Analyst

Jun – Aug 2021

ACD Systems

Victoria, BC

- Developed end-to-end automated Python test cases that would verify user flows were at the correct state.
- Gathered requirements for comprehensive test cases to ensure UI components were working end-to-end.
- Tested a variety of UI components on different operating systems and browsers to ensure compatibility.
- Validated payment services using mock payment credentials to ensure that orders were able to be placed.
- Collaborated with web and software developers on photo editing software to ensure quality standards were met.

Student Cultural Ambassador

Jul – Aug 2019

Saint Michaels University School International Program

Victoria, BC

- Engaged with students from Japan to help them in their English within their classes and extracurricular activities.
- Communicated with managers to set up campus events and prepare lesson plans.
- Resolved conflicts between students and teachers through mediating and providing solutions to mitigate future conflicts.

PERSONAL PROJECTS

Time2Eat

Jan 2023

nwHacks - <https://github.com/eriklsy/nwHacks2023>

Vancouver, BC

- Developed a web-based application that utilizes user input to generate personalized restaurant recommendations based on individual preferences.
- Utilized React.js to create the front-end components of the website and the use of Google Maps API to acquire and process user's location.
- Implemented Express.js to deploy the back-end API in order to call the Google Places API to find a restaurant that is close to the user's location based on their preferences.

Lead Software Engineer

Nov 2018 - Mar 2022

FIRST Tech Challenge - <https://github.com/cameronl10/UltimateGoal2021>

Victoria, BC

- Placed 2nd place in provincial tournament against teams across British Columbia and Washington state.
- Led the team in the implementation of robust and efficient algorithms for autonomous navigation, object detection, and manipulation, to meet the requirements and constraints of the competition.
- Designed, developed and implemented Java-based programs to allow a robot to function in user controlled driving using telemetry and motion sensor data.
- Developed autonomous robot programs utilizing computer vision libraries (OpenCV & Vuforia) in conjunction with sensor data to autonomously complete the competition's assigned tasks.

Battlesnake Hackathon

Mar 2019

Battlesnake - <https://github.com/cameronl10/battlesnake-python>

Victoria, BC

- Competed in an AI competition based on the traditional snake game where developers created AI snake to compete against different snakes.
- Utilized Python and NumPy to design and implement an AI-controlled snake on various 2D matrices to complete specific objectives, such as food consumption and obstacle avoidance

TECHNICAL SKILLS

Languages: Java, Python, C++, C, Assembly, JavaScript, HTML, CSS, R

Tools/Frameworks: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, React, Node.js, WordPress, GPIO, MongoDB, Tailwind, Express

Data Science: OpenCV, Vuforia