Marcus Lee

SKILLS

- Software: Web Development, Machine Learning, Robotics, OOP Programming
- Instructor: Sailing, Swimming (WSI certification), Rock Climbing and Robotics

EDUCATION

University of British Columbia — 2024-Present
- BASc in Computer Engineering

Vanier College — 2022-2024
- DEC in Computer Science and Mathematics
- Honour's List
- Computer Sciences Average = 95%

JOB EXPERIENCE

Fundica — Summer 2024
Software Development Intern
- Led and supported fullstack core service projects
  - Javascript, PHP, SQL, JQuery, Angular
- Created an internal tool which leverages generative AI and RAG to help structure funding program information
  - Typescript, React, Vite

Club du Lac Marois — August 2021, Summer 2022, Summer 2023
Head of Sailing (2023) / Camp Instructor (2021 – 2022)
- Led the full sailing team and program
- Taught swimming, sailing, canoeing and tennis
- Led camp activities for kids 5 to 14 years old
- Voted Staff of the Month by 15 fellow staff members

EXTRACURRICULAR

Northern Knights Robotics Team — 2017 – Present
Lead Programmer 2019 - 2022 / Team Captain 2020 - 2022 / Mentor 2022 - Present
- Designed and built FIRST Robotics Competition robots
- Machined mechanical components on CNC machines, mills, lathes and others
- Constructed electrical circuits
- Programmed the various components of the robots in Java
  - Vision, object detection and recognition
  - Control systems, PID loops, feed forward control
- Nominated for the FIRST Dean's List Award

INTERESTS

- Avid rock climber, skier and sailor
- FPV drones hobbyist
- AI technologies