

EDUCATION

- **University of Calgary** Calgary, AB
BSc, Software Engineering , GPA: 3.5 / 4.00 Sep. 2019 – May. 2023

PROJECTS

- **Class Reminder Bot:** Discord class reminder bot built with Python using discords API. Serves daily reminders to students on what assignments they have due, tests coming up etc. in the form of discord DMs. Currently in use by my year of software engineering students of over 200 people.
- **Mountain Bike Fantasy League:** Built a fantasy sports application to serve as a major improvement to the current existing mountain bike fantasy leagues. Built on the MERN stack (mongoDB, ExpressJS, React, Node) and uses bcrypt and JWT tokens for authentication.
- **Sudoku Solver:** Built VanillaJS application to solve Sudoku puzzles as well as visualize the commonly used Backtracking algorithm. Based on a C++ version I had built but with a friendly UI and algorithm visualizer. Used Vanilla JavaScript, CSS, HTML to build the application to be user friendly.
- **Hackathon Team Bot:** Worked with small team to build a discord bot to aid in helping mods run the Hack Your Learning Hackathon. Was used in the latest hackathons held and helped the mods group users into respective teams they signed up in, modify channels and provide commands for announcements for over 300 participants.

EXPERIENCE

- **Relectric Car Team** University of Calgary
UI Team Member June 2021 - Present
 - Developed the center user interface for Relectric's electric car conversion. This handled displaying to users key facts about the current state of the car such as speed, charge, navigation, climate, aswell as status on doors and other key info.
 - Developed with TypeScript, React, NodeJs, Sass and Redux.
- **Whistler Blackcomb** Whistler, BC
Mountain Bike Coach May 2019 - Present
 - Work with clients to improve their mountain biking skills as well as guide them around the mountain.
 - Demonstrated excellent communication skills with other guides to organize an amazing experience for the guests.
- **CliffTop Contracting** Whistler, BC
General Labourer May 2021 - Present
 - Responsible for general excavation work including building retaining walls, building foundations for structural objects, using various machinery etc.
 - Demonstrated leadership while quickly taking up new tasks and learning how to use more equipment.

PROGRAMMING SKILLS

- **Languages:** Javascript, C++, Java, C, Python
- **Technologies:** React, NodeJS, MongoDB, Git, SQL

SOFT SKILLS

- Communication, Teamwork, Adaptability, Leadership