

# Nicholas Knapton

<https://nicholasknapton.tech/> | [nickknapton12@gmail.com](mailto:nickknapton12@gmail.com) | 604-902-6659 |

## OBJECTIVE

- Software Engineering student with a solid foundation in programming, specifically with C++ and JavaScript. Experienced in object-oriented programming, developing, testing and debugging code.
- Targeting Summer 2021 Internships as well as other opportunities.

## EDUCATION

UNIVERSITY of CALGARY | BS Software Engineering | Minor in BioMedical  
September 2019 | Calgary, AB

## PROJECTS

### **Sudoku Solver** | Website, Github

- 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.

### **Class Reminder Bot** | Github

- Built a bot using discord.js to send daily reminders of assignments, tests, and labs to over 200 students in SENG.
- Students can sign up for different classes to get reminders from on the fly and submit reminders.

### **Online Calculator** | Website, Github

- Built VanillaJS application to mimic a common phone calculator but with more features such as functions like square roots, powers, etc.
- Used Vanilla JavaScript, CSS, HTML to make it mimic a better phone calculator.

### **CPC, Competitive Programming Club**

- Part of the competitive programming club at my university, where we meet weekly to practice competitive programming and learn new algorithms and solutions to problems.

## EXPERIENCE

Vail Resorts | Mountain Bike Guide | Whistler, BC  
May 2019 - Current

- 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.

Earls Restaurant | Line Cook | Whistler, BC  
May 2015 - Current

- Moved up the kitchen line, quickly being responsible for making almost all the dishes we served.
- Demonstrated teamwork to ensure perfect delivery of food in a quality and timely manner.

## SKILLS

### **Technical Skills**

- C
- C++
- Java
- Vanilla JavaScript
- React
- HTML
- CSS
- Linux
- Git
- Visual Studio

### **Soft Skills**

- Communication
- Teamwork
- Adaptable
- Leader