Nicholas Knapton

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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.

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.

Portfolio Website | Website, Github

- Built a personal website to host some of my projects to act as a portfolio.
- Used CSS and HTML to make a well designed , responsive portfolio website

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 2019 - 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
- HTML
- CSS
- Linux
- Git
- Visual Studio

Soft Skills

- Communication
- Teamwork
- Adaptable
- Leader