

Nicholas Knapton

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Targeting an Internship in...

Software Engineering

- Second year Software Engineering student with a solid foundation in programming, specifically with C++ and Java, as well as testing and debugging code. Experienced in object-oriented programming, developing, testing and debugging code.
- Quickly able to learn and adapt to new technologies and languages; experience working in both team and self-directed settings. Passion to learn new technology to improve my overall ability.

Education

University of Calgary

Pursuing Bachelor of Science in Software Engineering (BSSE) – 3.4 GPA

Relevant Courses Completed/In progress:

- Computing for Engineers - Java
- Programming Fundamentals for software and computer engineers – C and C++

Relevant Courses to be completed second semester:

- Data Structures, Algorithms, and their applications - Java
- Computer Organization
- Principles of Software Development

Personal Projects

Sudoku Puzzle Solver

Used C++ to build a program to solve the popular puzzle game Sudoku. I used a backtracking algorithm to solve inputted puzzles.

CPC – Competitive Programming club

Part of the University of Calgary's competitive programming club where we meet to practice different problems and have weekly contests.

Weather trend visualizer – Java

Using Java, I developed a program to visualize weather trends inputted from an excel spreadsheet. It supported multiple types of graphs, snow, rain and temperature data, had a user friendly interface and some basic animations for looks.

Work Experience

Whistler Blackcomb – Whistler, BC

Mountain Bike Guide, June 2019 to September 2019 (Summer job)

- Worked as a professional mountain bike guide, teaching adults and children how to improve their riding. Involved lots of people skills, sales, teaching and communication with other guides.

Line Chef, 2015 to 2019

- Worked my way up through the kitchen from the "bottom" of the line to the top position. Learned lots of communication skills, work ethic and teamwork to ensure smooth running of the kitchen.

Technology Summary

- C, C++, Java, Visual Studio, Windows, MS Office Suite