

Scott Chu

SOFTWARE ENGINEERING CO-OP STUDENT

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Education

University of Alberta

Edmonton, AB

B.SC. COMPUTER ENGINEERING: SOFTWARE OPTION CO-OP GPA: 3.1

May 2023

- Relevant Course Work: Python, C++, Arduino, Object Oriented Programming, Data Structures, Algorithms, Linear Algebra, Calculus 1-3

Projects

Kaboom! | <https://github.com/howtobescott/kaboom>

REACT, BOOTSTRAP, PYTHON, GIT

- A web application that generates movie, TV show, and anime recommendations for users.
- Helped develop Python web scraping scripts.
- Led front-end development using React and Bootstrap.
- 24-hour hackathon project built with 4 other teammates, used Git for proper version control.

RGB Color Game | <https://github.com/howtobescott/rgbcolorgame>

JAVASCRIPT, JQUERY, BOOTSTRAP, GIT

- A web application game that generates a random RGB color tag, and prompts the user to guess the color.
- Developed using jQuery to perform various DOM manipulations.
- Created clean and simple user interface using Bootstrap.

Streak Timer | <https://github.com/howtobescott/streak-timer>

JAVASCRIPT, GIT

- A Rubik's cube timer that keeps count of consecutive solves under a goal time.
- Developed functionality of application using JavaScript.

Skills

Languages	Python, C++, JavaScript, MATLAB, Bash, HTML, CSS, LaTeX
Technologies	React, Bootstrap, jQuery, Beautiful Soup
Others	Git/GitHub, Arduino, MacOS, Windows, Linux, MS Office

Experience

Kumon Learning Centre, Schonsee

Edmonton, AB

TEACHING ASSISTANT

June 2017 - August 2019

- Assisted students (ages 3 – 18) with various levels of reading, writing, and mathematics.
- Regularly communicated with parents regarding their children's learning to create a better learning experience for students.
- Entrusted with the responsibility of checking, ordering, and organizing the centre's homework supply.
- Given the keys to the building, and put responsible for opening and closing the centre.
- Met deadlines for marking and organizing 200+ homework folders during extremely busy hours.

80 Flavours Premium Ice Cream Truck

Edmonton, AB

SERVER

June - September 2018

- Provided excellent customer service while executing quick transactions in a fast-paced environment.
- Performed maintenance and inventory tasks such as cleaning freezers, and restocking large tubs of ice cream.
- Fostered open communication and teamwork with co-workers during busy hours to ensure organized work environment.
- Anticipated customer needs and reported customer feedback to superiors.

Others

World Cube Association

COMPETITOR & VOLUNTEER

- Competed in 6 official World Cube Association Rubik's cube competitions.
- Official 3x3 Rubik's cube time of 12.62s.
- Official 3x3 Rubik's cube one-handed time of 26.98s.
- Volunteered as scrambler and runner at local events.