

Christopher Fong

Richmond, BC

+1 (604)-441-7828 | chris_fong@sfu.ca

Github: github.com/ChrisFong604

LinkedIn: /in/chrisfong604

Technical Skills

Languages

Proficient in:

- Java
- JavaScript
- HTML
- CSS

Familiar with

- Python
- SQL
- C
- C++

Technologies

Proficient in:

- Spring Boot
- Git version control

Familiar with:

- React
- Express
- Firebase
- Django
- Docker

Related interests: Web-development, Artificial Intelligence, UI/UX design

Projects

BestBy - Personal

July 2021 - August 2021

React Native, Google Firebase, Spoonacular API

- Developed a cross-platform mobile application that allows users to manage their food inventory with reminders for expiration dates and recipe suggestions based on existing ingredients.
- Used React Native and Context with Spoonacular and Firebase APIs to provide recipe suggestions for end-to-end user authentication.

BGC Workload Management System - Academic

July 2021 - August 2021

Spring Boot, PostgreSQL, Heroku

- Developed a web-based resource management application for BGC's project management team which utilized data analytics and graph visualizations to inform the user of key insights regarding their resource allocation
- Employed various plan-driven and agile software development methods/processes to develop the application within a 6-week time frame

Battle To-Do - Hackathon

January 2021

Django, Javascript, various Front-end technologies

- Worked on a web application game for nwHacks 2021 (hackathon) which stimulates productivity for players through a fun and casual player vs player format.
- Learned and utilized front-end technologies such as Sass, CSS Grid, and Javascript on the fly to develop a unique, responsive Front-End interface.
- Learned important skills such as concise communication and compromise in a high-pressure, time-crunched development environment

UBC Course Explorer

December 2020-Present

Django, PostgreSQL, Heroku, Docker, various APIs

- Developed an application for UBC students to find detailed information on courses using APIs for RateMyProfessors and UBCGrades.com
- Allowed students to make critical scheduling decisions by providing extensive information and statistics for each course, including professor reviews, a course prerequisite tree, historical grade point averages, etc.

Rush Hour Solver

March 2021

Java

- Created a Java program using various DFS, BFS, and A* heuristic algorithms to solve the famous "RushHour" puzzle game for an algorithms course
- Utilize OOP paradigms, Java APIs, data structures, and various heuristics to optimize runtime and execution finding the solution in the optimal time.

Experiences

Logistics Coordinator

June 2021 - Present

SFU Surge

- Working in a logistics team to plan, schedule, and execute a large-scale hackathon event attracting an expected 200-300 participants

Academic Tutor

January 2020 - April 2021

FSS Canada

- Worked with international students on various high school subjects such as Calculus, Physics, and Chemistry
- Learned and communicated with students in second languages (Mandarin)

Camp Coordinator

June 2018 - August 2018

Richmond Center for Disabilities

- Worked in a team to plan and engage in daily activities for disabled children, keeping in account each child's unique circumstances.

Education

Simon Fraser University

Sept 2019 - Apr. 2024

BSc in Computer Science

Interests

Music

- Self-taught piano, guitar

Web-Development

- Self-learned many technologies and skills (e.g node.js, React)

Basketball

- Being raised around basketball, it is one of my favourite sports.
- Favourite NBA players include: Derrick Rose, Stephen Curry, Devin Booker, and Giannis Antetokounmpo; players whose personalities and work ethics I admire and strive for.