

Nicholas Chubb

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Education

Simon Fraser University

B.Sc. in Computing Science and Molecular Biology & Biochemistry

Expected Graduation: *Fall 2022*

- **Upper-level Coursework:** Data Structures and Programming, Database Systems I, Artificial Intelligence Survey, Biomedical Computing, Introduction to Software Engineering.

Technical Skills

Languages

- Java
- JavaScript
- C/C++
- Python

Frameworks

- Node.js
- ReactJS
- Express.js
- Android SDK

Software

- Linux
- Git
- MongoDB
- Nginx

Relevant Concepts

- Agile Dev.
- Databases
- Project Mgmt.
- UI/UX Design

Technical Work Experience

Skyrocket Digital

Front-end Developer

Vancouver, BC

September, 2021 – Present

- Utilizes HTML, CSS, and JavaScript to build responsive front-end environments to match customer specifications
- Designed JavaScript back-end system to manage affiliate discount codes using the Shopify API

Incognito Software Systems Inc.

Quality Assurance Engineer

Vancouver, BC

September, 2020 – April, 2021

- Operated as part of an agile team to assist in the development of over 8 different software services
- Designed and implemented Selenium test suite for Firmware Management Service
- Wrote more than 100 tests across multiple services and stabilized Jenkins environment of over 600 tests
- Worked daily with industry-standard software solutions such as:
 - * Java, JUnit, IntelliJ, and Linux to effectively write and debug professional software tests;
 - * Jenkins, Postman, Wireshark, and MongoDB to debug services and investigate networking problems;
 - * Jira, BitBucket, and Microsoft Teams for managing workflow and communicating with my team.

Personal Projects

DockerMan

Node.js, Express.js, ReactJS, Docker

[🔗 GitHub](#)

- Modular server back-end which utilizes Node.js and Docker to serve containers on the same web domain
- Integrated with React for front-end interactive user dashboard, which includes:
 - * Container control panel to start/stop/restart or port-forward individual containers to a URL slug;
 - * System configuration screen to control security features, such as preventing too many login attempts;
 - * Log screen which displays and allows user to manage database of log messages.

Hawking - the SFU Science Discord Bot

ReactJS, Node.js, Docker

[🔗 GitHub](#)

- Discord bot built with Discord.js API and React to solve multiple needs for Science Undergraduate Society
- React control-panel utilizes SQL to allow users to easily manage database of events at Simon Fraser University
- Allows users to interact with variety of text commands, including controlling music and searching for gifs

Personal Portfolio Site

Gatsby.js, Express.js

[🔗 GitHub](#) | [🌐 nickchubb.ca](#)

- Personal website built with Gatsby.js to display information about me, my projects, and my experience
- Currently engineering Go back-end which uses MongoDB as a CMS to programatically generate page content

Volunteer Experience

Vancouver Startup Week

Account Manager

Vancouver, BC

February, 2021 – Present

- Facilitated 15 panels for Vancouver's premier entrepreneurial event, which has had 12,800 attendees over 8 years
- Coordinated and hosted weekly panels with a range of companies within the local start-up community

Science Undergraduate Society

President

Burnaby, BC

May, 2020 – April, 2021

- Organized and chaired weekly team meetings to plan events and advocacy
- Formalized process and procedure with management practices, such as a Kanban board for designating work
- Effectively led and managed a team of 10 students to completely re-write society By-Laws and Policy

Simon Fraser Student Society

Board Member

Burnaby, BC

May, 2019 – April, 2020

- Established and led a team as chair of the Surrey Campus Committee to successfully host over 15 events
- Planned, organized, and executed a \$150,000 concert and many more events as a director on the Events Committee