

# Nicholas Chubb

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## Education

### Simon Fraser University

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

Graduated: April, 2023

- **Upper-level Coursework:** Design and Analysis of Computing Algorithms, Data Structures and Programming, Bioinformatics, Special Topics in Artificial Intelligence, Database Systems I, Biomedical Computing, Introduction to Software Engineering.

## Technical Skills

### Languages

- TypeScript/JavaScript
- Java
- HTML/CSS
- Python

### Frameworks

- React
- Next.js
- Node.js
- Express

### Software

- Git/Github
- Linux
- MongoDB
- AWS

### Relevant Concepts

- Agile/Scrum
- Functional Programming
- Unit Testing
- APIs

## Technical Work Experience

### Machobear Studios Inc.

Jr. Frontend Developer Intern

Vancouver, BC

May, 2022 – December, 2022

- Worked on liv.rent team: a full-service rental web app for managing listings, contracts, chats, payments, etc.
- Implemented several prominent features, including new user toaster and tour, custom contract builder, and more
- Developed, tested, and deployed functional components for React web apps in adherence to coding standards
- Troubleshooting and resolving complex front-end issues with Redux, Ramda, and other libraries

### Skyrocket Digital

Front-end Developer Contractor

Vancouver, BC

September, 2021 – Feb, 2022

- Utilized 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 Intern

Vancouver, BC

September, 2020 – April, 2021

- Designed and implemented Selenium test suite for Firmware Management Service
- Utilized Java, JUnit, IntelliJ, and Linux to effectively write and debug professional software tests

## 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

Next.js, Typescript

[🔗 GitHub](#) | [🌐 nickchubb.ca](https://nickchubb.ca)

- Personal website built with Next.js and Typescript to display information about my projects and experience

## Volunteer Experience

### Vancouver Startup Week

Software Developer, Account Manager

Vancouver, BC

February, 2021 – Present

- Developed features for the new website using ReactJS and TypeScript, including completely redeveloping the blog
- Facilitated 15 panels for Vancouver's premier entrepreneurial event, which has had 12,800 attendees over 8 years

### Science Undergraduate Society

President

Burnaby, BC

May, 2020 – April, 2021, May, 2022 – July, 2022

- 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