

Nicholas Chubb

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Education

Simon Fraser University

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

Graduated: **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	Frameworks	Software	Relevant Concepts
– TypeScript/JavaScript	– React	– Git/Github	– Agile/Scrum
– Java	– Next.js	– Linux	– Functional Programming
– HTML/CSS	– Node.js	– MongoDB	– Unit Testing
– Python	– Express	– AWS	– APIs

Technical Work Experience

Machobear Studios Inc.

Jr. Frontend Developer Intern

Vancouver, BC

May, 2022 – December, 2022

- Worked on liv.rent team: a Progressive Web App for managing rental listings, contracts, chats, payments, etc.
- Implemented several prominent features, including new User Toaster and Tour, Custom Contract Builder, and more
- Followed industry best practices and coding standards to write clean, maintainable, and scalable code
- Troubleshooting and resolving complex front-end issues with libraries such as Redux, Ramda, and more

Technical Skills: React.js, TypeScript, JavaScript, HTML, CSS

Skyrocket Digital

Front-end Developer Contractor

Vancouver, BC

September, 2021 – Feb, 2022

- Utilized JavaScript, HTML, and CSS to build responsive front-end environments to match customer specifications
- Successfully managed multiple projects simultaneously, meeting deadlines and delivering high-quality code
- Designed JavaScript back-end system to manage affiliate discount codes using the Shopify API

Technical Skills: HTML, CSS, JavaScript, React.js

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
- Wrote more than 100 tests across multiple services and stabilized Jenkins environment of over 600 tests

Technical Skills: Java, Unit Testing, Git, Linux

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

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