

# 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