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Education

Simon Fraser University

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

Graduated: 2023

Relevant Concepts: Algorithms, Data Structures, Bioinformatics, Artificial Intelligence, Database Systems, Biomedical Computing

Technical Skills

Languages	Frameworks	Software	Relevant Concepts
– TypeScript/JavaScript	– ReactJS	– Git/Github	– Agile/Scrum
– Java	– Next.js	– Linux	– Functional Programming
– HTML/CSS	– Node.js	– MongoDB	– Unit Testing
– Python	– Express	– Postgres/SQL	– APIs

Technical Work Experience

Machobear Studios Inc.

Front-end Developer

Vancouver, BC

May, 2022 – December, 2022

- Liv.rent team: a Progressive React App for long-term rentals with over 170k users and 200k monthly site visits
- 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, Next.js, TypeScript, JavaScript, HTML, CSS, Redux, Ramda, Jira

Skyrocket Digital

Front-end Developer

Vancouver, BC

September, 2021 – Feb, 2022

- Utilized JavaScript, HTML, and CSS to build responsive ecommerce websites 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: JavaScript, React.js, HTML, CSS, Liquid, Shopify, Webflow

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, JUnit, CI/CD, Jenkins, Selenium, Unit Testing, End-to-end Testing, Git, Linux

Personal Projects

DockerMan

JavaScript, Node.js, Express.js, ReactJS, Docker, SQL, API Development

[🔗 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;
 - * User authentication system with an SQLite database, cookies and other modern authentication features;
 - * 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

JavaScript, ReactJS, Node.js, Docker, SQL

[🔗 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

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
- Enhanced code maintainability and scalability by refactoring components to TypeScript, minimizing potential errors
- Integrated Contentful CMS to dynamically update site content, bypassing bottleneck on development team
- Collaborated closely with design team to to implement Figma mockups and ensure a cohesive user interface

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

Science Undergraduate Society

President

Burnaby, BC

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

- Led a 10-member executive team overseeing a student society with over 3000 members, ensuring efficient operations
- Planned and orchestrated weekly team meetings, facilitating event planning and advocacy efforts
- Spearheaded rewriting of By-Laws and Policy, implementing formalized processes like a Kanban board for task delegation

Technical Skills: Communication, Team Leadership, Project Management, Public Speaking