Vincent Nguyen

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🧠 Skills

Languages: JavaScript (TypeScript), Python, C#, Java
Technologies: Git, HTML/CSS, React, Redux, React Hooks, SQL, MongoDB, Express, Flask, Jest, Selenium

💼 Professional Experience

Kinaxis, *Front-End Software Engineer Intern*   Sep 2021 – Dec 2021 | Ottawa, ON
- Developed **React** components using **TypeScript** to search and filter supply chain data as part of an upcoming software update.
- Added new functionality to existing components and resolved critical bugs in the codebase, improving user experience.
- Verified new and existing code by implementing **Jest** unit tests to increase application reliability.
- Collaborated with a UX team to design a prototype for a new Kinaxis homepage.

AGF Investments, *QA Automation Engineer Intern*   May 2021 – Aug 2021 | Toronto, ON
- Implemented **Selenium** test suites in **Java** for account administration features, saving the company hundreds of hours in manual testing.
- Optimized existing unit tests to decrease runtimes by an average of **30 seconds per test**, dramatically improving deployment pipeline speeds.
- Provided mentorship to other interns to familiarize them with unit testing best practices.

Manulife, *Software Engineer Intern*   Sep 2020 – Dec 2020 | Waterloo, ON
- Utilized **React** to build custom data visualizations for **Power BI** to view software license roadmaps.
- Presented a proof-of-concept project to demonstrate how the application can accelerate architectural decision-making.
- Aided in the next term's hiring process by reviewing, interviewing, and assessing SWE intern applicants.

Tauria, *Junior Software Developer Intern*   May 2019 – Apr 2020 | Waterloo, ON
- Discovered and resolved minor front-end issues in **JavaScript** to uphold software integrity.
- Streamlined the QA process by developing **Selenium** unit tests in **C#** to save manual testing effort.

📁 Projects

MERN Stack Website, *Simfile Seeker* ⎘
- Created a website to allow users to browse and upload custom song files for Stepmania.
- Securely implemented a **REST API** using **Express**, **bcrypt**, and **JWT** to interact with a **MongoDB** database**.**
- Wrote a responsive **React** frontend in **JavaScript,** using **Redux** for state management.

🎓 Education

Computer Science (BSc), *Wilfrid Laurier University*   Sep 2018 – Dec 2022 | Waterloo, ON
- **Laurier Computing Society Vice President (2019 - 2020):** Lead a team of 10+ to organize activities such as coding tutorials, speaker talks, and programming competitions.