

Vincent Nguyen

✉ nguy2112@mylaurier.ca **in** linkedin.com/in/nguvinc  github.com/nvplus

Skills

Languages: JavaScript (TypeScript), Python, C#, Java

Technologies: Git, HTML/CSS, React, Redux, SQL, MongoDB, Express, Flask, Jest, Selenium

Professional Experience

Front-End Software Engineer Intern, Kinaxis Sep 2021 – Dec 2021 | Ottawa, ON

- Enhanced user experience by developing new **React** components including search, date, and time inputs to expand an internal component library.
- Improved software usability by integrating new features to and resolving issues with existing components.
- Increased application reliability by implementing **Jest** unit testing for both new and existing code.
- Work with a UX team to successfully develop and pitch a new homepage for a hackathon project.

QA Automation Engineer Co-Op, AGF Investments May 2021 – Aug 2021 | Toronto, ON

- Implemented **Selenium** test suites in **Java** for investment portfolio, user administration, and client management views to increase test coverage by **15%**.
- Refactored existing unit tests to improve stability and speed up the deployment pipeline by **40%**.
- Provided mentorship to other interns by familiarizing them with unit testing best practices.

Software Engineer Co-Op, Manulife Sep 2020 – Dec 2020 | Waterloo, ON

- Accelerated architectural decision-making by building a **Microsoft Power BI** dashboard with custom data visualizations using **React** that automates the creation of software license roadmaps.
- Presented a proof-of-concept project demonstrating to management the application's usefulness in keeping software up-to-date.

Junior Student Developer, Tauria May 2019 – Apr 2020 | Waterloo, ON

- Contributed unit tests to **Selenium** testing suites in **C#** to save manual testing effort by **30%**.
- Conducted manual testing on both mobile and desktop platforms to log over **500 issues**.
- Resolved minor UI issues in **JavaScript**.

Projects

MERN Stack Website - Simfile Seeker

- Created a website allowing users to browse and upload custom files for Stepmania.
- Built a **React** frontend with **Redux**, **styled-components**, and **React Router**.
- Developed a **REST API** using **Express** to interact with a **MongoDB server**.
- Secured API access with **JSON Web Tokens** and handled password encryption with **bcrypt**.

OMDb Movie API Viewer

- Created a **React** application using **Axios** to browse, search for, and save movies from a public movie API.
- Hosted the application in **Heroku** and created a **CI/CD pipeline** to easily deliver updates.

Education

Computer Science (BSc), Wilfrid Laurier University Sep 2018 – present | 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.