


# Vincent Nguyen

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## Professional Experience

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

- Developed **React** components including search dialogs, date pickers, and time inputs.
- Implemented front-end unit testing in **Jest** for both new and existing code.
- Resolved UI issues to improve software usability.
- Worked with a UX team to develop a new homepage for hackathon project.

**QA Automation Engineer Intern, AGF Investments**  May 2021 – Aug 2021 | Toronto, ON

- Created **Selenium** testing suites in **Java** to verify user investment views and account administration features.
- Refactored existing unit tests to speed up 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

- Made a **Microsoft Power BI** application that uses **React** to visualize software licensing information.
- Presented a proof-of-concept project demonstrate the application's usefulness in keeping software up-to-date.
- Deployed enterprise architecture tools in **Azure** to aid in business decision-making.

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

- Developed automated **Selenium** testing suites in **C#** to save 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**.

### **Discord Chat Bot**

- Made a chat bot using **Node.js** to provide novelty and administrative features to multiple Discord servers.
- Hosted the bot in **Heroku** and created a **CI/CD** pipeline to easily deliver updates.

### **React Movie API Viewer**

- Created a **React** application to browse the OMDb movies API.
- Users may search for and save movies to their local storage.

## Education

**Computer Science (BSc), Wilfrid Laurier University** Sep 2018 – present | Waterloo, ON

- **Laurier Computing Society Vice President (2019 - 2020):** Lead the events team to organize activities such as coding tutorials, speaker talks, and programming competitions.

## Skills

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

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