

PATRICK VUSCAN

SOFTWARE DEVELOPER

CONTACT

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EDUCATION

Computer Science

University of Toronto

Toronto, Ontario

● September 2018 – May 2022

Specialist degree with a focus in Artificial Intelligence in Computer Science, alongside a Minor in German. Selected for the **Technology Leadership Initiative**, a specialized program that offers industry integrated advanced learning, tailored leadership training, and industry internship opportunities. Developed an MVP application for the **Global Payments division of Scotiabank** as part of the program. Awarded the Mary Victoria Court Scholarship for academic achievement in 2019, and a two-time Dean's List Scholar, 2019, 2020.

Major GPA: 3.96, Overall GPA: 3.60.

EXPERIENCE

Software Developer

Scotiabank's Digital Factory

May 2020 – December 2019

● As the *only* software developer intern brought into the Digital Factory during the summer of 2020, I am developing **ReactJS** web applications for Scotiabank's web and native campaign and offer presentation. Using technologies such as **Redux** along with in-house libraries.

Software Developer

**Technology Leadership Initiative &
Scotiabank Global Payments**

September 2019 – December 2019

● Developed an MVP for Scotiabank, a reactive web application that utilizes Interac's new Request to Pay feature for businesses. Built an application with **ReactJS** and created **RESTful** back-end services and APIs with **ExpressJS** and **NodeJS**. Created and set up servers to host the application on **Heroku** with a **PostgreSQL** database.

Software Developer

NexJ Health Inc

May 2019 – September 2019

● Developed a web and native Android and iOS applications for NexJ Health Inc's patient-facing healthcare platform as a full stack developer. Built new user functionality and features, while working on the application's front-end UI through a custom in-house framework in **JavaScript**, creating back-end services with **Node JS**, and interacting with the **MongoDB** database under a **Mongoose** schema. Worked on the deployment of the web application into native applications through **Adobe PhoneGap**.

IT Department Assistant

NexJ Systems Inc

September 2016 – June 2017

● Computer systems and network maintenance, software and hardware maintenance, scripting and automated software testing using scripting languages such as **BASH**, as well as managing an internal NexJ Systems website using **PHP** and **HTML**.

PROGRAMMING SKILLS

- *ReactJS, Redux, and JavaScript*
- *Java, Python, HTML and CSS with SASS*
- *React, Node JS and Custom Frameworks*
- *PostgreSQL, MSSQL, and MongoDB*
- *Mercurial and Git*

STARTUP EXPERIENCE

catchUp

October 2019 – Current

Lead developer and designer in a Startup, catchUp, a note sharing application that will focus on working with accessibility needs guidelines.

Using technologies such as React, including all its latest features, React Routing, CSS with SASS for the front-end. For the backend, using technologies such as NodeJS and ExpressJS to create an API which interacts with an MSSQL database.