PATRICK VUSCAN
SOFTWARE DEVELOPER

CONTACT

a: 66 Broadway Ave., Toronto, Ontario, M4P 1T6 | **t:** 647-515-8060 | **e:** patrick.vuscan@gmail.com

EDUCATION

Computer Science
University of Toronto
Toronto, Ontario

September 2018 – May 2022
Specialist degree with a focus in Artificial Intelligence in Computer Science. 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.
Major GPA: 4.0, Overall GPA: 3.54.

EXPERIENCE

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 **React JS**, and created **REST**ful back-end services and APIs with **Express** and **Node JS**. 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**.

Infrastructure Analyst
Princess Margaret Hospital & University of Toronto
September 2017 – October 2017

Set up a server on **Amazon AWS** to support an instance of their **EC2** services. The server was used for X-Ray Image Processing for a cancer research program in the oncology department at the Princess Margaret Hospital.

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

- *JavaScript, Java, Python, HTML and CSS*
- *React, Node JS and Custom Frameworks*
- *PostgreSQL, and MongoDB*
- *Amazon AWS and Heroku*
- *Mercurial and Git*

LEADERSHIP EXPERIENCE

Head of the Robotics Team
NTCI Robotics
June 2017 – June 2018

Team manager and coordinator, with a focus on the programming of robots which compete in Vex Robotics competitions, and a strategic coordinator during competitions.

2nd Place Winner
YouthComer's Hack the Barriers Hacakthon
August 20th, 2018

Won second place at with a prototype of a social media app that connects newcomers to Canada to Mentors and Guides, who would help them adjust to their new lives in Canada.