

# Pirathapan Nagendrarajah

<https://pirathapan28.github.io/>

647-783-1514

pnagendrarajah@myseneca.ca

## Programming Skills

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**Languages:** Python, JavaScript/TypeScript, Java, C, C++, Shell Scripting, HTML, CSS

**Frameworks/Tools:** Git, SQL, SVN, jQuery, React.js, Angular JS, UNIX, Node.js, Express.js

**Operating System:** Windows 7/8/10, iOS 10, Linux (Ubuntu)

**Audio / Visual:** Evertz Gateway, Dante L3 Certification, Live Events & Production, Lighting Controls

## Education

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**Bachelor of Technology – Software Development** September 2017 – August 2021

- Seneca College, Toronto, Ontario
- Cumulative GPA: 3.7
- President's Honour List (Fall 2018 & Winter 2020)

**Bachelor of Science – Computer Science** September 2015 – August 2017

- University of Toronto, Scarborough, Ontario
- Statistical Machine Learning and Data Mining Stream Specialist program

## Experience

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### Managing A/V Technician

Scarborough Convention Centre, Scarborough, Ontario January 2013 – Present

- Professionally trained to use ChamSys Lighting Software to configure programmable intelligent lights, setting up the sound system and video presentation onto projector
- Experienced in problem solving troubleshooting and networking issues
- Train potential technicians on how to use the audio, video, projector, intelligent lights, and troubleshoot any issues to ensure a successful event
- Served in a managerial role for the AV technician department and facilitated smooth operations whilst addressing client/staff concerns as they arise and continually working to enhance current services

### Innovation Engineer

Canadian Imperial Bank of Commerce (CIBC), Toronto, Ontario September 2020 – April 2021

- Worked for the Digital Workspace Team to engineer & implement audio visual solutions throughout the CIBC Square building
- Collaborated on team projects such as reviewing security hardening guidelines and creating design description & operational documents, runbooks, and solution requirement document
- Created test cases on Crestron Flex UI & Crestron Control Touch Panel UI for the QA/QC Team
- Collaborated with the team to compose a list of 802.1x compatible AV solution equipment
- Assisted with the planning, testing and execution of the Pinnacle Event

## Projects

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**Angular - Calendar Time Management Application** April 2020

- Created an angular application for students based on time management skills by assisting them in allocating their time properly and balancing their schedules effectively

**C++ - Receipt Reader Application using Tesseract** April 2020

- Created a Tesseract application for users to read the total amount in a receipt
- Allows the user to import any receipt using the application UI that is created

**Android App – Ranking Earthquake** November 2019

- Used Android Studio to create a mobile app that fetches the earthquake API and displays recent updates on earthquakes based on magnitude or chronological order