

# Pirathapan Nagendrarajah

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## 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)

## 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
- Communicate with clients regarding their requests over the phone or in person

### Summer Camp Counselor

Malvern Family Resource Centre, Scarborough, Ontario

May 2018 – August 2018

- Worked in a leadership role and in tandem alongside co-workers to create and implement various activities for kids aged 5-14 to enhance existing skills and foster new talents.

## Projects

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### Angular JS - 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

### 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

### Java - Mock File System

August 2016

- Designed sets of classes for a mock file system that operates similar to a UNIX shell
- The mock shell on Java could execute the following commands; exit, mkdir, cd, ls, pwd, mv, cp, cat, curl, echo, man, pushd, popd, history and grep

### Python - Evaluating Regex

April 2016

- Evaluates regexes by telling us whether the regex is indeed a regex, builds trees for it and checks if the input string matches it or not

### Java - Checkers board game

June 2014

- Implemented the rules of the game with a GUI using JPanel
- Created a final report of the project with full understanding and details on how the game was implemented and what components use to create the making of the game