

# MILIND VISHNOI

'Be less like "if-else" statement and more like Machine Learning.'

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## EDUCATION

University Of Toronto

Bachelor Of Science - Mathematics & Computer Science.

CGPA: 3.51/4.0

Sept 2018 – Exp 2022

## WORK EXPERIENCE

Teacher Assistant

University of Toronto

January 2021 - Ongoing

University Of Toronto, Canada

- **CSC108:** Taught Python Programming, basic algorithm construction, and introductory complexity

Core Software Developer

Grey Software

July 2020 - January 2021

Toronto, Canada

- Managed multiple projects as a developer and product manager
- Contributed on multiple web applications by improving user experience
- Core developer for 3 web apps using Nuxt and Quasar

Full Stack Web Engineer Intern

iBE.net

December 2019 - May 2020

Noida, India

- Responsible for developing web application modules for flooring industry
- Build user registration and authentication module using **Auth0** and **ExtJS**
- Collaborated on Service Request Management & Employee Classification setup backend using **Python Flask**, **SQLAlchemy** & **Postgres**

Tech Associate

UTM Computer Science Student Community

May 2020 - Ongoing

University Of Toronto, Canada

- Created the Computer Science Student Community (CSSC) website repository
- Organized tech of the month and interview prep initiatives
- Collected resources to make it easier for student's to learn new technologies and course content

## PROJECTS

Material Maths

Web-based app to help students improve their mental maths skills

Ongoing

<https://github.com/grey-software/Material-Math>

- Implemented new UI to improve user experience using **Quasar**.
- Added a configuration module for users to choose what they want to practice.
- Collaborated with a Project Manager and UI/UX Designer.
- Currently working on adding a database using **Firebase** to create a leaderboard module.

VueJs

Vuex

TypeScript

Quasar

JavaScript

CSSC Web Application

Created a website to help all CS clubs and UTM students.

Ongoing

<https://github.com/utm-cssc/website>

- Designed and created a course manager for students using **Vuex** and **Vuetify**.
- Implemented a unified calendar for all UTM CS clubs.
- Added responsiveness and dark mode feature using **Tailwind** & **NuxtJS** modules.

Download Folder Cleaner

A python script to clean your download folder as soon as something is downloaded

February 2020 - April 2020

[/milindvishnoi/Download-Folder-Organizer](#)

- File Management system to create appropriate folders for each file extension using **Python**
- Keeps a watch for newly downloaded/copied files and folders by consuming **watchdog** framework
- Uses **OS** functions for transfer files

Othello

A modern feel to a classic game of Othello

August 2019 - November 2019

[/milindvishnoi/Othello-Game](#)

- Implemented Othello game in **Java** with 4 artificial intelligence
- Collaborated with a team of 4, followed agile methodologies and **git** for version control
- Implemented **Observer/observable**, **Command** and **Strategy Design Pattern**
- Used **JavaFX** to create the GUI and **JUnit** for testing

## SKILLS

Languages:

Python

JavaScript

Java

Bash

C

TypeScript

CSS

Racket

Frameworks:

Vue

React

Flask

ExtJS

Watchdog

JOOQ

Pandas

Database:

SQL

Postgres

Others:

Git

Linux

Auth0

Markdown

Latex

Agile