

# MILIND VISHNOI

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## EDUCATION

Bachelor of Computer Science and Statistics, University of Toronto

2018 - Exp. Dec 2022

## SKILLS

**Languages** Python, Javascript, C/C++, Bash, Java, TypeScript, CSS

**Frameworks** React, Vue, AngularJS, NodeJS, Flask, Pandas, Tensorflow, React Native, Nuxt.JS, JavaFX

**IDE** VS Code, Visual Studio, Webstrom, Pycharm, IntelliJ

**Database** MongoDB, PostGresSQL, MySQL

**Others** Git, Latex, Heroku, Postman, Chrome Developer Tools

## EXPERIENCE

### Junior Developer

Toronto, ON

Edsembli

May 2021 to Sep 2021

- Implemented various modules in Edsembli's HRP solution using **.NET framework** with **AngularJS** which helped the company to develop a web based solution.
- Resolved bugs by debugging using **Chrome Developer tools** and **Postman** which helped in faster launch of features.

### Teaching Assistant

Toronto, ON

University of Toronto

Jan 2021 to Apr 2021

- Held labs for CSC108 (Python programming, basic algorithm construction and introductory complexity analysis) to help students grasp material taught in classes

### Core Software Developer

Toronto, ON

Grey Software

Jun 2020 to Jan 2021

- Pitched and implemented ideas for improving business models and it's representation of the organization on the website using **Nuxt** and **Quasar**
- Utilized **bash** scripts for formatting, editing and performing various processes which made development process smoother and uniform

## LEADERSHIP AND VOLUNTEERING

### Technology Lead - Workshop

Toronto, ON

Developer Student Club by Google

Aug 2021 to Present

- Lead workshops attended by 200+ students to teach them about various technologies

### Technology Officer

Toronto, ON

UTM Computer Science Student Community

May 2020 to Apr 2021

- Created and maintained the Computer Science Student Community (CSSC) website with a in-built course manager ([github.com/utm-cssc/website](https://github.com/utm-cssc/website)) to help students keep update with their courses using **Vue**, **NuxtJS**, **Vuex** and **Tailwind**
- Hosted workshops, developed courses and content for student's success.
- Organized tech of the month and interview preparation initiative to enhance student technical skills

## PROJECTS

### Material Maths

A math application to help students improve their mental maths with 2000 users/yr ([github.com/grey-software/Material-Math](https://github.com/grey-software/Material-Math))

- Implemented new UI to improve user experience using latest JS framework **Quasar**
- Created a scoring system using state management tools (**Vuex**) and **TypeScript** to gamify the process of learning
- Added a configuration module with different practice modes to determine what students want to practice

### GameFace

A platform to have unbiased reviews on the various games out there ([github.com/milindvishnoi/GameFace](https://github.com/milindvishnoi/GameFace))

- Designed and developed beautiful UI by utilizing **ReactJS** with **Bootstrap** and **MaterialUI**
- Created a RESTful API to perform CRUD operations on users and games using **NodeJS** and **MongoDB**
- Developed user authentication module in **NodeJS** and improved developer experience by creating middle wares to check for authentication.

### CardsMadeEasy

A JS library to help frontend developers create beautiful cards for their applications ([github.com/milindvishnoi/CardsMadeEasy](https://github.com/milindvishnoi/CardsMadeEasy))

- Designed and developed cards to have maximum customization to suit all requirements
- Added functionality to easily manage multiple cards with responsiveness to all device sizes
- Created animations and custom carousel using **CSS** and **JavaScript** to ease development process for a developer

## AWARDS

- Dean's List: Awarded to high academic performer (Greater than 3.5 GPA)