

# MILIND VISHNOI

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## EDUCATION

**Bachelor of Computer Science & Statistics**, University of Toronto

2018 - Exp. Dec 2022

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

## SKILLS

**Languages & IDEs** Python, Javascript, C/C++, Bash, Java, TypeScript, CSS, VS Code, Visual Studio, Webstorm, Pycharm, IntelliJ  
**Frameworks** React, Vue, AngularJS, NodeJS, Flask, Pandas, Numpy, sci-kit, React Native, JavaFX, Vuex, Redux, .NET, JUnit, PyTest  
**Database & Others** MongoDB, PostgreSQL, MySQL, Git, Latex, Heroku, Postman, Chrome Developer Tools, Docker

## EXPERIENCE

### Founder

Toronto, ON

HoopUp

May 2021 to Current

- Developed **core components** of cross-platform application to speed up development process by using **React Native & NodeJS**.
- Assisted in **designing, structuring, choosing the tech stack** & the business team to solidify the business models.

### Teaching Assistant

Toronto, ON

University of Toronto

Jan 2021 to Current

- Held labs for CSC108 (**Python** programming, basic algorithm construction & introductory complexity analysis) to help students grasp material taught in classes by facilitating discussions, giving presentations and live coding sessions.

### 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** & **Postman** which helped in faster launch of features.

### Core Software Developer

Toronto, ON

Grey Software

Jun 2020 to Jan 2021

- Reported directly to CEO** for improving business model & it's representation on the website using **Nuxt & Quasar**.
- Utilized **bash** scripts for formatting, editing & performing various processes making development process smoother & uniform.

## PROJECTS

### Material Maths

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

- Created a scoring system using state management tools (**Vuex**) & **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 & developed beautiful UI by utilizing **ReactJS** with **Bootstrap & MaterialUI**
- Created a RESTful API to perform CRUD operations on users & games using **NodeJS & MongoDB**
- Developed user authentication module in **NodeJS** & improved developer experience by creating middlewares 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 & 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 & custom carousel using **CSS & JavaScript** to ease development process for a developer

### Download-Folder-Organizer

An application to keep your download folder organized ([github.com/milindvishnoi/Download-Folder-Organizer](https://github.com/milindvishnoi/Download-Folder-Organizer))

- Created a **Python** solution to keep any of your folders organized by click of a button using **OS**, **Watchdog** libraries.

## LEADERSHIP & VOLUNTEERING

### Technology Lead - Workshop

Toronto, ON

Developer Student Club by Google

Aug 2021 to Current

- Lead workshops attended by 200+ students to teach them about various technologies.
- Hosted interview preparation & panels for students looking for internships.

### Technology Officer

Toronto, ON

UTM Computer Science Student Community

May 2020 to Apr 2021

- Created & maintained the Computer Science Student Community (CSCS) 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** & **Tailwind**
- Organized tech of the month & interview preparation initiative to enhance student technical skills