

Akshay Vakil

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Education

Toronto Metropolitan University

Toronto, ON

Bachelor's Degree of Science

September 2022 - May 2026

- **Future content:** Data Structures, Linear Algebra, AI, Machine Learning, C and Unix, Algorithms, Discrete Structures, Web-Development
- **Relevant Courses:** Python, Java, Discrete Mathematics,

Glenforest Secondary School

Mississauga, ON, Canada

High school Diploma

September 2017-2021

- Passed with honours in all four years
- An ambassador of the Computer Science club, helped introduced freshmen/younger years to programming

Projects

Weaver Bot

Discord

Discord

GitHub

- Built a Python-based Discord bot that can broadcast YouTube music, and am currently working on adding music bot features that connect with the Spotify API. Upcoming interactive video games like Hangman will have Discord reactions, used for auto-moderation as well..
- **Built With:** Python,

Personal Portfolio

GitHub

Portfolio

December 2022 - Present

- Personal website that inherits a modern design with a simple and easily navigable layout. Filled with a section that demonstrates my proficiency in programming languages, a project section, outlining my creations/future plans, and is fully responsive.
- **Made with:** HTML, CSS, JavaScript soon to incorporate libraries such as React.

Health Policy Student Association

Club Created in McMasters University

February 2022 - Current

- Created the website with another developer for a club that specializes in promoting resources in regard to student health and global health policy, information, and awareness while working with student health and global health policy, organizing workshops with experts in the field.
- **Made With:** Raw HTML, CSS, and JavaScript.
- **Work field:** Working with 10+ other students that have separate roles in assisting the promotion/functionality of HPSA.

TensorFlow AI Model

GitHub, Jupyter

TensorFlow

January 2022 - Current

- I developed a tensor flow model in Jupyter Notebook using Python, which I trained to be able to distinguish between various animals like dogs and cats or even people. The information that will be included in my future neural network is mostly stored in my GitHub repository.
- **Made With:** Python

Skills

Programming Languages

Python (NumPy, Matplotlib, PyGame), PHP, HTML/CSS, JavaScript

Frameworks/Libraries

React, Tailwind CSS, Angular.

Extra Skills:

Time Management, Teamwork, Problem-solving

Work Experience

Old Navy

Mississauga, ON, Canada

Sales Floor Associate Part-Time

June 2021 - January 2022

- Communicating with clients to determine their needs and offer pertinent services, Collaborating with coworkers to delegate duties to ensure optimal efficiency
- Excellent teamwork/communication skills between coworkers, to ensure no possible confusion between members.