

# Akshay Vakil

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## Education

### Toronto Metropolitan University

Canada, Toronto, ON

#### Bachelor of Science in Computer Science

Sept 2022 - Current

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

## Projects

### Discord Bot

GitHub

#### Weaver

Python, OAuth 2.0

- Developed a Python-based Discord bot called Weaver capable of broadcasting music and currently working on integrating the Spotify API for enhanced functionality.
- Implemented engaging interactive video games like Hangman with Discord reactions, serving purposes such as auto-moderation, meme generation, and image generation. The bot is actively utilized across **30+** Discord servers, fostering **500+** daily interactions.

### Club Established at McMaster University

<https://hpsaglobal.net/>

#### Health Policy Student Association

HTML5/CSS, JS, JQuery, BootstrapCSS

- Collaborated to create a website for a club dedicated to advancing student health and global health policy. The website promotes resources, provides information, and raises awareness.
- Conducted diligent research and extensive article reviews on topics such as Discrimination in Healthcare and Undocumented Immigration and Healthcare in Canada.
- The website gained prominent exposure within McMaster University, reaching over **10,000+ undergraduate students** and actively promoted on various social media platforms, reaching an audience of **100-200+ individuals**.

### Web-App

MetHacks Hackathon Project

#### Fault Finder

NodeJS, Astro/React, HTML/CSS,

JS/JSX, Python, OpenAI API, Figma

- Collaborated on a hackathon project utilizing OpenAI's API to generate interview-level questions with intentionally incorrect solutions.
- Implemented the project's core functionality using Node JS, with a backend database for selecting questions, providing incorrect solutions, and offering debugging feedback.
- Showcased the project at the hackathon, gaining exposure to **250+ active individuals and experts** from various companies.

### Website

<https://octrainn.github.io/>

#### Personal Website

JQuery, HTML5/CSS, Bootstrap, Figma

- Created a personal website with a modern design and a simple, easily navigable layout.
- Includes a section showcasing proficiency in programming languages and a project section outlining past creations and future plans.
- Ensured the website is fully responsive, providing a seamless browsing experience on various devices.

### React Calendar Application

Application

#### Calendar

CSS, JSX, GH-Pages, Vite

- Developed a feature-rich calendar component using React, offering dynamic and interactive features to enhance the user experience.
- Implemented the useState hook to enable easy date selection by clicking on a day, with visual highlighting for instant feedback.
- Facilitated schedule management by allowing users to add events to specific dates, providing efficient appointment organization.
- Incorporated a reset functionality that clears selected dates and event data, allowing users to start fresh.

## Skills

**Programming Languages:** Python, HTML5/CSS, JavaScript, SQL, Node.JS

**Libraries/Frameworks:** React, Angular, SQL, Django, Bootstrap, Tailwind CSS, JQuery

**Technical Skills:** Git, GitHub, Git Bash, Microsoft Excel, Adobe, Figma

**Tech-Stack Interests:** Full stack Development, Game Development, Machine Learning, AI Integration, Cloud Computing

## Work Experience

### Old Navy

Square One, Mississauga, Ontario

#### Old Navy Sales Associate

June 2021 - January 2022

- Provided exceptional customer service by effectively communicating with clients to understand their unique needs and deliver personalized assistance.
- Collaborated closely with team members to delegate tasks and optimize overall workflow, contributing to enhanced team efficiency.