

VIRENDRA JETHRA

Brampton, ON | vsjethra13@gmail.com | [linkedin.com/in/virendra-jethra](https://www.linkedin.com/in/virendra-jethra) | github.com/VJ-13 | vj-portfolio.vercel.app

EDUCATION

Honours Computer Science Co-op (B.A.Sc.), GPA: 3.7/4.0

Hamilton, ON

McMaster University

Expected May 2025

Relevant Coursework: Data Structure & Algorithm, Software Development, Databases, Computer Architecture

Awards: Dean's Honour List, Engineering Award of Excellence

SKILLS

Languages: Python, Java, C/C++, HTML/CSS, JavaScript, SQL, Elm, Haskell, Latex

Tools/Frameworks: Git, React, NextJS, Tailwind, NodeJS, Android Studio, Google Suite, Microsoft Suite, Figma

Concepts: Object Oriented Programming, Design Patterns, Agile Model, SOLID, Unit and Functional Testing

EXPERIENCE

Software Developer

Hamilton, ON

McMaster Natural Resources Group

May 2023 – Present

- Collaborated with a team of 2 other students to develop a **Flutter**-based mobile app that offers comprehensive information about Hamilton's green spaces and conservation areas
- Funded by the **McMaster Natural Resources Group** to build the app for the students at McMaster.

Software Development Intern

Toronto, ON (Remote)

GAOTek

Jul 2022 – Aug 2022

- Collaborated with a team of developers using **Java** in **Android Studio**, to create a BLE beacon detection app
- Contributed to software design through TortoiseSVN as part of a 50-member group.

PROJECTS

Personal Portfolio | *React, NextJS, Tailwind, Framer Motion, Vercel*

Jun 2023

- Developed a personal portfolio website to showcase my projects, experience, and skills
- Utilized responsive web design techniques to ensure the website is accessible and functional across different devices and screen sizes.

Green Go | *Flutter, Google Suite API*

May 2023

- Developed a user-friendly mobile application using Flutter, which provides students with comprehensive details about Hamilton's green spaces.
- Employed Google Translate and Maps APIs, enabling users to access the app in various languages while staying up-to-date about transit and road closures.

Document Scanner | *Python, OpenCV*

March 2023

- Utilizes advanced image processing techniques to accurately identify document boundaries.
- Implemented webcam and image upload functionality, enabling users to extract and save documents as image files or apply optical character recognition (OCR) for further processing

AutoNote Taker | *Python, AssemblyAI*

Oct 2022

- Created a speech-to-text program that transcribes any mp4/mp3 files into a Word document using Python
- Leveraged the power of AssemblyAI's speech transcription API, utilizing natural language processing (NLP) techniques to accurately transcribe and identify key points and moments in the recordings.

CERTIFICATIONS

IBM Applied AI Course

May 2023

Lyft Back-End Engineering Virtual Experience Program

July 2022

CS50x Harvard

Nov 2020