

Huzaifa Syed

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EDUCATION

McMaster University

Bachelor of Engineering (Computer Engineering)

- GPA: 3.90/4.0, Dean's Honour Roll

Hamilton, ON

Sep. 2023 – Apr. 2027

TECHNICAL SKILLS

Languages: JavaScript, Python, Java, TypeScript, SQL, PHP, HTML/CSS, C/C++, C#

Frameworks & Tools: React, Next.js, Vue.js, Express, Flask, TailwindCSS, OpenCV, TensorFlow, AWS, Git, Jira

Concepts: Data Structures & Algorithms, OOP, REST APIs, Embedded Systems, SDLC, Agile

EXPERIENCE

Full-Stack Developer Intern

Arkhet AI Inc.

Feb. 2025 – Present

Vancouver, BC (Remote)

- Enhanced Arkhet AI's web platform with animations, improved UI, and responsive design.
- Designed & optimized modular component architecture throughout weekly sprints
- Iterated features based on continuous feedback from beta testing

Software Development Trainer

Sinclair Coding

Aug. 2022 – June 2023

Whitby, ON

- Created/taught HTML/CSS/JS foundational lessons to teach responsive website fundamentals
- Troubleshooting experience aiding in semantic errors, layout issues, etc.

Youth in Policing Intern

Durham Regional Police

July 2022 – Aug. 2022

Oshawa, ON

- Facilitated youth forum for 550+ attendees, showing a 10% attendance increase from previous years
- Led and coordinated youth-centric events
- Collaborated in a team environment to achieve project milestones and enhance youth engagement strategies.

Software Engineering Intern

Digitera Interactive

Feb. 2022 – June 2022

Ottawa, ON (Remote)

- Enhanced event system UI using Vue.js, improving user engagement by 15%
- Secured login and registration systems through parameterized queries (PDO) in PHP
- Optimized back-end connections under guidance from senior developers

PROJECTS

Automated Mapping System [↗](#) | *Python, Open3D, C*

Jan. 2025 – Apr. 2025

- Developed a microcontroller-based system utilizing a LiDAR and motors to create maps of indoor environments
- Implemented real-time data acquisition and processing to generate spatial representations of room layouts
- Integrated sensor data with UART communication protocols for efficient data transmission and system control

AI-Powered Paper Piano [↗](#) | *React, Flask, OpenCV, Python, TensorFlow*

Jan. 2025

- Allows users to draw a piano and start playing
- Implemented real-time key detection and hand tracking with OpenCV and TensorFlow
- Streamlined back-end communication using Flask SocketIO

Instagram Unfollow Tracker [↗](#) | *JavaScript, HTML/CSS*

Jul. 2024 – Aug. 2024

- Users reveal individuals they follow who don't follow back
- Scraped and processed user data from Instagram
- Identification of unfollowers without storing any user info