

# Huzaifa Syed

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## EDUCATION

### McMaster University

*Bachelor of Engineering (Computer Engineering)*

- **Grades:** 3.90 GPA, Dean's Honour Roll

Hamilton, ON

Sep. 2023 – Apr. 2027

## TECHNICAL SKILLS

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

**Developer Tools:** React, Next, TailwindCSS, Express, jQuery, Bootstrap, Vue, Flask, OpenCV, TensorFlow, AWS

**Concepts:** Data Structures & Algorithms, Object-Oriented Programming, Database Management, SDLC

## 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.
- Built dataset management features and optimized blog functionality using React, TypeScript, and ExpressJS.
- Integrated Amazon S3 for image storage and improved backend efficiency.

### 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

**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 (Node.js), 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

**Quanser Interactive Self-Sorting Robot** [🔗](#) | *Quanser Interactive Labs, Python*

Jan. 2024 – Feb. 2024

- Engineered an efficient movement system, increasing simulation accuracy by 10%
- Utilized colour and ultrasonic sensors to create a bin detection system
- Collaborated with design team to create functioning robot dispenser system