Huzaifa Syed

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EDUCATION

McMaster University   Hamilton, ON
Bachelor of Engineering (Computer Engineering)   *Sep. 2023 – Apr. 2027*
- **Grades**: 3.96 GPA, Dean's Honour Roll

EXPERIENCE

Software Development Trainer   Aug. 2022 – June 2023
Sinclair Coding   *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   July 2022 – Aug. 2022
Durham Regional Police   *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   Feb. 2022 – June 2022
Digitera Interactive   *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

TECHNICAL SKILLS

Languages: JavaScript, SQL, Java, Python, TypeScript, PHP, HTML/CSS, C#, C++, C
Frameworks: React.js, Next.js, Tailwind CSS, Express.js, jQuery, Bootstrap, Vue.js, Flask, OpenCV, TensorFlow
Concepts: Object-Oriented Programming, Data Structures & Algorithms, Database Management, REST APIs, SDLC