

Huzaifa Syed

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EDUCATION

McMaster University

Bachelor of Engineering (Computer Engineering)

- **Grades:** 3.96 GPA, Dean's Honour Roll

Hamilton, ON

Sep. 2023 – Apr. 2027

EXPERIENCE

Web 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

Instagram Unfollow Tracker | *JavaScript (Node.js), HTML/CSS*

Jul. 2024 – Aug. 2024

- Users upload data to reveal individuals they follow who don't follow back
- Scraped and processed user data from Instagram JSON files
- Identification of unfollowers without storing any user info
- Responsive design UI using HTML/CSS

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

Alien Escape | *C#, Unity*

Jan 2023 – May 2023

- 2D Top-Down game where players guide an alien collecting ship pieces to escape
- Designed leaderboard and enemy AI functionality
- Explored the framing process of a project with collaborators
- Implemented condition handling when key events were triggered

TECHNICAL SKILLS

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

Frameworks: React.js, Next.js, Tailwind CSS, Express.js, jQuery, Bootstrap, Vue.js

Concepts: Object-Oriented Programming, Data Structures & Algorithms, Database Management, REST APIs