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 Engineering Intern   Feb. 2022 – June 2022
Digitera Interactive   *Ottawa, ON (Remote)*
- Minimized SQL injection risk in login and registration by introducing parameterized queries with PDO in PHP
- Refreshed event system UI using Vue.js
- Learned to optimize back-end connections from senior developers

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
- Received leadership opportunities in various youth–centric events
- Built communication and teamwork skills by working in a smaller team over the whole term

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
- Designed responsive UI using HTML/CSS

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

Quanser Interactive Self-Sorting Robot | *Quanser Interactive Labs, Python*   Jan. 2024 – Feb. 2024
- Developed a movement system for the simulated Quanser robot
- Utilized colour and ultrasonic sensors to create a bin detection system
- Collaborated with design team to create functioning robot dispenser system

EXTRACURRICULAR

Coding Club President | Debugging, HTML/CSS/JS   Jun. 2022 - Jun. 2023
- Troubleshooting experience aiding in semantic errors, layout issues, etc.
- Lead a team to facilitate club meetings and events
- Created HTML/CSS/JS foundational lessons to teach responsive website fundamentals

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, HTML/CSS, PHP, MySQL, C#
Frameworks: React, Next.js, Tailwind CSS, Express.js, jQuery, Bootstrap, Vue.js
Concepts: Object-Oriented Programming, Asynchronous Programming, Search Engine Optimization