

Sassan Ghazi

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Highlights of Qualification

Aspiring computer science student passionate about continuous learning and a solid foundation in software development techniques. I look forward to contributing to a vibrant team where I can use my technical skills, gain hands-on experience, and contribute significantly to innovative projects.

Education

Concordia University - Montreal QC

Jan 2023 – Dec 2026

Bachelor of Science in Computer Science

- **Coursework:** Databases, Data Structures & Algorithms, Object Oriented Programming I & II, Web Development, Principles of Programming Languages

Experience

Quality Control Technician, Apollo Machine – Edmonton, AB

May 2023 - Aug 2023

- Assisted in programming a laser machine to generate QR barcode identification labels for oil drill parts
- Programmed a stamping gun machine to identify and label drilling parts
- Assisted in identifying stamping and labeling requirements based on engineering drawing specifications

Front-end Developer, @Hack Hexploit Alliance – Montreal, QC

Jan 2024 -

- Collaborated with a team of frontend developers to build a full-stack application for Concordia University's inaugural cybersecurity hackathon
- Acquired foundational knowledge of front-end development, including HTML, CSS, JavaScript, and Bootstrap
- Gained experience in team management, meeting coordination, and organizational skills within the software development field

Projects

Portfolio Website - MyPortfolio

Jan 2024 - Aug 2024

- Developed a personal portfolio website using HTML5 and CSS, showcasing my software development projects, resume, and social media links for client contact
- Tools Used: HTML, CSS, Git

Hackathon Project - Alert

Jan 2024

- My team and I developed this project for our first hackathon at Concordia University, utilizing the Google Maps API along with HTML, CSS, Python, and JavaScript
- A full-stack application that enables users to report crimes and share the location with others in real-time
- Tools Used: HTML, CSS, Python, JavaScript, Flask

Side Project - Password Generator

July 2024

- Generates a random password to assist users in creating secure credentials
- Tools Used: Python, SQLite, Git

Arduino Project - Radar Detector

Aug 2024

- Designed and developed a radar detection system using Arduino, capable of detecting objects within a specified range
- Utilized C++ to program the Arduino, optimizing performance for sensor data processing
- Integrated an ultrasonic sensor to measure distances and detect objects in real-time