

# Sassan Ghazi

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## Highlights of Qualification

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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

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**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

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**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

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**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

## Technological Skills

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**Languages:** Python, Java, SQL, JavaScript, C, HTML, CSS, Node.JS

**Software:** Microsoft Excel, Git