

Georges Ghazal

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EDUCATION

Concordia University – Gina Cody School of Engineering <i>Bachelor of Engineering, Software Engineering - CO-OP Program</i>	Montreal, Canada 2022 – 2027
Antonine Sisters School <i>Lebanese Baccalaureate, Life Science</i>	Ghazir, Lebanon 2007 – 2022

PROFESSIONAL EXPERIENCE

Software Engineer <i>Ministère de la Cybersécurité et du Numérique du Québec (MCN)</i>	Fall 2025 Quebec, Canada
Cyber Security Analyst Intern <i>AHEAD FZCO UAE</i>	Summer 2024 Dubai, UAE
<ul style="list-style-type: none">Managed account and credential confidentiality for events across Dubai and Abu Dhabi, ensuring zero security breachesImplemented cybersecurity measures protecting company data systems serving 1,000+ event attendeesCollaborated with 3-person IT teams to maintain constant uptime and achieve full security compliance across all event operations	

PROJECTS

Cybersecurity Toolkit C#	Winter 2025
<ul style="list-style-type: none">Developed keylogger application with SMTP functionalities capturing 99.7% keystroke accuracy and covert email transmission every 30 minutesBuilt comprehensive cybersecurity toolkit with file encryption/decryption supporting AES-256, network monitoring, and threat detection using OWASP ZAP and NMAP tracking 500+ connections/hourImplemented network security tools including TCP honeypot/Wifi-honeypot detecting 50+ probe attempts and Wi-Fi access point monitoring covering 200+ devices	
Smart Event System Website JavaScript, HTML/CSS	Winter 2025
<ul style="list-style-type: none">Event creation, registration, seat arrangements, and promotion website with full functionality + payment integrationAI chatbot helper achieving 85% user query resolution rate and Opportunity Hub using NLP and machine learning algorithms to analyze user profilesDelivered personalized event recommendations through the Opportunity hub with 78% match accuracy based on skills, achievements, and expertise	
Stock Trading Bot Python	Fall 2024
<ul style="list-style-type: none">Designed and implemented Python-based trading bot achieving 12% returns over 3-month testing period with \$10,000 simulation capitalAutomated trading strategies processing 1,000+ daily market data points with sub-second response times using real-time API integrationUtilized Excel files as input and processed data using Pandas library, reducing manual analysis time by 90%	
Game Development Projects C#	Fall 2023
<ul style="list-style-type: none">Developed 2 fast-paced dynamic 3D escape games (Evader3D, OnTheRun) with 99% collision detection accuracy and 60 FPS performanceUtilized custom C# scripts and Unity Engine with navigational mesh, and AI packages delivering immersive gameplay for 100+ beta testers	

TECHNICAL SKILLS

Programming Languages: Java, C#, Python, PHP, HTML/CSS, SQL, JavaScript
Frameworks: .NET, React, Node.js, Vite, Express.js, PyTorch, FastAPI, pytest, three.js
Developer Tools: Visual Studio, GitHub, MongoDB, PowerBI, Twilio SendGrid, Windows Forms, Unity, Cursor
Languages: French (fluent), English (fluent), Arabic (fluent)