



# Naim Albadawi

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➤ Toronto, ON </> [naimalbadawi.com](http://naimalbadawi.com)

## ABOUT ME

Software Engineering student specializing in software development, cybersecurity, vulnerability management, and enterprise IT operations. Experienced with governed patch management, compliance-driven environments, and secure system design in large-scale organizations.

## EDUCATION

### Bachelor of Engineering Science - Software Engineering (Co-op)

London, ON

Western University

Sep 2021 – April 2026

- **Relevant Courses:** Information Security, Networking, Computer Networks Applications, Intro to AI, Software Construction (Full Stack Programming), **Agile and Waterfall Methodology**, Cloud Computing, and Machine Learning
- **Certificates:** BigFix 101 & BigFix Relevance, ISC2 Certified in Cybersecurity (CC), AWS Certified Cloud Practitioner

## PROFESSIONAL EXPERIENCE

### Ontario Health

Toronto, ON

#### IT Analyst , Vulnerability Management | Co-op

Sep 2024 – Sep 2025

- Executed vulnerability remediation using **WSUS, SCCM, and HCL BigFix** within a governed patch management framework, ensuring consistent, compliant, and auditable deployments.
- Supported enterprise **Vulnerability Management operations** by remediating operating system and application vulnerabilities in alignment with organizational security policies, **governance standards**, and audit requirements.
- Analyzed vulnerability findings and **prioritized remediation based on risk severity, exploitability, and business impact**, supporting timely reduction of enterprise risk exposure.
- Monitored patch compliance and generated detailed remediation and risk reports to support **cybersecurity governance** and audit requirements.
- Supported enterprise IT operations, focusing on security compliance, vulnerability remediation, and endpoint hardening.
- Reviewed and applied Change Management Processes and Procedures to ensure all security-related changes were properly documented, assessed for risk, and executed with minimal operational impact.
- Led and coordinated patching cycles for hundreds of enterprise servers by working cross-functionally to schedule maintenance and patching windows, ensuring timely remediation of high-risk vulnerabilities, minimizing business disruption, and maintaining compliance with security policies and SLAs.

### Telus

Mississauga, ON

#### Technical Solutions representative

May 2023 – Sep 2023

- Delivered tailored technical solutions to clients, improving customer satisfaction by up to 35% while supporting pre-sales troubleshooting and solution alignment.
- Collaborated with teams to analyze customer requirements, translating complex technical requirements into actionable strategies
- Gained expertise in developing technical solutions, **cross-functional teamwork**, client communication, and problem resolution.

## PROJECT AND LEADERSHIP EXPERIENCE

### 3Drobe — Capstone Project, Software Engineering Design II | Current [\[Link\]](#)

London, ON

- Designed and implemented a **secure 3D body-scanning and measurement extraction system**, emphasizing privacy-aware handling of sensitive biometric data.
- Developed a full pipeline for generating **personalized 3D body models**, incorporating integrity checks and validation logic to prevent tampering, inaccurate output, or corrupted model reconstruction.
- Implemented **computer vision algorithms, calibration routines, and multi-stage verification** to ensure data accuracy, consistency, and resilience across varied environments.
- Built a secure workflow to transmit user measurements to local and international tailors, incorporating safe data transfer practices, access control considerations, and protection of personally identifiable information (PII).

### Ongoing Living & Learning, CHEER Group (2024 – 2025 ) | Full Stack Development [\[Link\]](#)

London, ON

- Spearheaded the development of an interactive full-stack web application, 'Cheer Group,' tailored for children with disabilities to enhance their daily living experiences.
- Engineered the platform using **MongoDB** for robust back-end data management and React.js for a dynamic, user-friendly front-end.
- Integrated specialized features such as personalized activity schedules, real-time communication tools, and resource sharing to support and engage the children's community

### Autonomous Cyber Defence Simulator | Personal Project [\[Link\]](#)

Toronto, ON

- Designed and implemented an **educational autonomous Red Team vs Blue Team cybersecurity simulator** modelling real-time attack and defence interactions within a controlled network environment.
- Built **autonomous attacker and defender agents** that simulate reconnaissance, attack execution, anomaly detection, automated response, and adaptive strategy selection based on historical outcomes.
- Developed a **multi-host network simulation** with event-driven logging using **SQLite**, enabling detailed analysis of attack success rates, defensive effectiveness, and incident timelines.

## ADDITIONAL INFORMATION

**Proficiencies:** Python, Java, JavaScript, TypeScript, C++, C, Bash, Node.js, Express.js, REST APIs, HTML, CSS, MySQL, NoSQL, SQLite, AWS, Docker, CI/CD, Linux, Vulnerability Management, BigFix, WSUS, SCCM, CyberArk, IAM, Risk Assessment, Git, Confluence, BMC Helix, Power BI, Kali Linux, SharePoint