SAUD ALHARBI

Information Technology Student | Cybersecurity Minor | Co-op Candidate

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PROFESSIONAL SUMMARY

Information Technology student with a Minor in Cybersecurity and 2+ years of experience in technical support, seeking a Co-op training opportunity to apply hands-on skills in IT support, network security, and system development. Experienced in academic and hands-on projects involving AI-driven threat detection, real-time monitoring, database management, and security-focused systems. Strong problem-solving and analytical abilities, with effective communication skills and a strong eagerness to apply these skills in a professional, hands-on environment."

EDUCATION

Bachelor's Degree, Computer Sciences and Information Technology *Dec 2022 – Present*

Pursuing a Bachelor's degree at the College of Computer Sciences and Information Technology, Al Majmaah University, with an Honors academic standing.

- Major: Information Technology (IT)
- Minor: Cybersecurity

Intensive English Language Program — ICL Academy, *Cebu, Philippines* *Jun 2026 – Aug 2026*

- Completed an intensive one-on-one and group English program, strengthening spoken and written professional communication.
- Prepared for the IELTS exam and participated in cultural exchange and group discussion activities.

TECHNICAL SKILLS

- **Cybersecurity:** Network Security, Endpoint Security, Threat Detection, Security Monitoring, Reconnaissance, Incident Response
- **IT Support:** Hardware Troubleshooting, Software Troubleshooting, Network Troubleshooting, Technical Support, Help Desk Support
- **Programming & Databases:** C, C++, VB.NET, SQL, Object-Oriented Programming (OOP), CRUD Operations
- **AI & Systems:** YOLOv8, Computer Vision, Real-Time Monitoring, Sensor Integration, Digital Twin Technology

PROFESSIONAL EXPERIENCE

Technical Support Specialist — Altheban and Alayed Co. *Jan 2022 – Oct 2024*

Saudi specialist company in high-quality construction materials

- Delivered consistent technical support across all company devices and network infrastructure, ensuring secure, reliable, and uninterrupted IT operations.
- Streamlined transaction handling between management and customers by following standardized administrative procedures, improving accuracy and turnaround time.
- Strengthened network and endpoint security across the organization, successfully preventing unauthorized access to company systems.
- Proactively diagnosed and resolved hardware and software issues, significantly reducing downtime and boosting overall operational efficiency.

KEY PROJECTS

AeruGuard — AI-Driven Threat Detection & Digital Twin System (Dec 2025 – May 2026)

- Developed an integrated hardware and software system for drone detection and monitoring, applying core security principles of reconnaissance, detection, identification, and response.
- Integrated multiple sensors with AI-based computer vision models, including YOLOv8, achieving over 90% detection accuracy at close range and over 80% accuracy at extended range for automated threat identification and classification.
- Built a Digital Twin interface to visualize and monitor system processes and sensor data in real time, supporting proactive threat response.
- Designed a multi-phase security workflow and led integration of hardware components, software modules, and AI models into a unified detection system.

Mini SOC — Security Monitoring & Threat Detection Lab

- Designed and deployed a Mini Security Operations Center (SOC) lab using Wazuh SIEM on Ubuntu Server to monitor system activities and centralize security logs.
- Configured Wazuh Agents on Windows endpoints to collect and analyze security events, enabling real-time monitoring and threat detection.
- Conducted authorized security tests, investigated generated alerts, and documented findings in structured incident reports.

Algorithm-Based Programming Projects — VB.NET & C++

- Developed multiple applications implementing algorithms and logical problem-solving techniques, including data processing and decision-making programs.
- Applied control structures, loops, conditional statements, and functions; implemented and tested solutions using VB.NET and C++.

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- **Cybersecurity Fundamentals** — *IBM*
- **Network Security** — *International Information System Security (ISC)²*
- **Introduction to Project Management** — *IBM*
- **Relational Database Administration (DBA)** — *IBM*
- **The Structured Query Language (SQL)** — *University of Colorado Boulder*
- **C for Everyone: Programming Fundamentals** — *University of California, Santa Cruz*
- **Introduction to Visual Basic Programming** — *Simmons University*
- **English Composition (I)** — *Duke University*
- **English and Academic Preparation – Pre-Collegiate** — *Rice University*

LANGUAGES

- Arabic — Native
- English — Professional Working Proficiency