

Fatima Al Zahraa Fakih

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Professional Summary

Recent Computer and Network Security graduate with hands-on experience in IT support, incident response labs, and security projects. Completed an internship in the IT department at Dar Al Aytam Al Islamiya, gaining practical system support skills. Currently advancing SOC 1 Analyst skills through the TryHackMe career roadmap and professional development programs. Motivated to apply technical knowledge and analytical skills in a SOC internship or cybersecurity role.

Education

Bachelor's in Computer and Network Security — USAL University, Beirut, Lebanon
Graduated: 2025

High School Diploma – General Science — Al Mahdi High School, Beirut, Lebanon

Work Experience

IT Support Intern — Dar Al Aytam Al Islamiya, Beirut, Lebanon
August 2025

- Assisted with hardware troubleshooting, system administration, and IT support tasks for organizational infrastructure
 - Gained practical experience in maintaining IT systems and providing technical support to end-users
 - Documented IT processes and workflows, providing recommendations for system improvements
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Projects

Interactive Security Awareness Training and Assessment Web Application (FYP Project)

Developed a web application for interactive security awareness training and assessment. Designed scenario-based modules covering network security, data protection, web security, and digital forensics. Implemented real-time user interaction, scoring, and personalized feedback for participants.

Suricata IDS Integration on Linux (Lab Project)

Installed and configured Suricata IDS on a Linux environment. Tested traffic detection, alert generation, and log monitoring for suspicious activities. Practiced intrusion detection tuning and rule management.

Windows Server 2016, CentOS 7, and pfSense Setup (VMware Lab Project)

Installed and configured Windows Server 2016, CentOS 7, and pfSense on VMware. Practiced Active Directory setup, user/group management, and Linux server administration. Configured pfSense firewall for network segmentation and secure traffic management.

Networking 3 Project — Cisco Packet Tracer

Designed a campus network between two buildings with OSPF and EIGRP routing. Configured DHCP, ACLs, VPN tunnels, HSRP redundancy, and detailed subnetting.

AI Virtual Keyboard with Hand Detector

Developed a virtual keyboard using hand gesture recognition. Tools used: Python, OpenCV, Cvzone, Numpy, Pynput. Implemented real-time hand tracking and interactive UI for typing simulation.

Ubuntu-Windows File Sharing with Samba Integration

Configured Samba on Ubuntu to share folders with Windows OS seamlessly. Practiced command-line configuration and cross-platform troubleshooting.

Wedding Hall Reservation Website

Built a dynamic web system for hall reservations. Tools used: Python, JavaScript, CSS, HTML, MySQL. Implemented database connectivity, form validation, and user-friendly UI.

Skills

Technical Skills: Python, Java, JavaScript, HTML/CSS, C++, Bash, MySQL, Linux (Ubuntu, Kali, Parrot), Windows, Networking, Wireshark, Burp Suite, Metasploit, Nmap, Docker, VirtualBox, VMware, OpenCV

Soft Skills: Communication, Teamwork, Problem-Solving, Time Management, Analytical Thinking

Certificates & Professional Development

- TryHackMe SOC Level 1 Career Path (In Progress)
 - Forage Simulation – AIG Shields Up: Cybersecurity (In Progress), 2025
 - AI Starter Kit (A. Mohanna) – AUB Platform (In Progress), 2025
 - Webinar: Does ISO/IEC 42001 Risk Slowing Down AI Innovation, or Is It the Foundation for Responsible Operations? September 2025
 - Webinar: The Evolution of EU Cyber Legislation: How NIS 2 Is Shaping the Future, August 2025
 - Webinar: Building Trustworthy AI with ISO/IEC 42001 and the NIST AI Framework, July 2025
 - Webinar: The CISO's Roadmap to NIS 2 Compliance: Strategies, Challenges, and Best Practices, June 2025
 - Webinar: AI-Accelerated PM: Tools & Workflows to Stand Out – University of Maryland, June 2025
 - Cybersecurity Day Event – GDE Coast Lebanon in collaboration with Semicolon Academy at LU University, June 2025
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Languages

- Arabic – Native
- English – Fluent (8/10)