

Omar Mayassi

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Beirut, Lebanon

EDUCATION

Bachelor of Computer Science
Lebanese American University

Sept 2022 - Jun 2025
CGPA: 3.47

TECHNICAL SKILLS

Programming Languages: C#, C, Python, Java.

Tools and Software: .Net8.0, VMware Workstation, Active Directory, pfSense.

Security Tools: Nmap, Metasploit, Burp Suite, Wazuh SIEM.

Certifications and Training: CompTIA Security+, Cisco Networking (CCNA-level training completed).

PROFESSIONAL EXPERIENCE

.NET 8.0 Developer Intern

June 2024

Haceb S.A.L, Beirut

- Designed, developed, and tested software applications with senior employees
- Learned and applied SOLID principles in software design and architecture
- Utilized .NET Core and C#

PROJECTS

NetSec: Network Defense Simulation Website

Jan 2025 - Apr 2025

CSC599 - Capstone Project

Grade: A

- Built lab-based website for interactive network security training
- Integrated GNS3 to simulate real-world network environments
- Allowed users to define and implement security protocols
- Tools Used: .NET, Entity Framework Core, GNS3, C#

Slack Message Bot

Mar 2025 - Apr 2025

CSC433 - Cloud Computing

Grade: A

- Developed a Slack bot that posts alerts to a Slack channel based on CloudWatch
- Configured AWS Lambda function to process events and send messages via Slack Webhook
- Utilized Amazon SNS to relay CloudWatch alerts to the Lambda function
- Tools Used: AWS Lambda, Amazon CloudWatch, Amazon SNS, Slack API

Small Business IT Home Lab | [Github](#) (Self Directed)

Apr 2026

- Simulated a small business IT environment by deploying and administering Active Directory, pfSense firewall, and a Windows 11 client across a connected virtual network
- Deployed Wazuh SIEM to monitor all endpoints, configuring File Integrity Monitoring, CIS benchmark assessments, and vulnerability scanning
- Automated helpdesk ticket creation into Peppermint via a Python script, practicing ticket handling
- Built an automation pipeline using n8n and a local AI model (Ollama/TinyLlama) to automatically generate and triage Peppermint helpdesk tickets from Wazuh security alerts
- Tools Used: VMware, Windows Server 2025, Active Directory, pfSense, Wazuh, Docker, Ubuntu Server, Peppermint, n8n