Mohammad Elkhalil

mfe25@mail.aub.edu | (+961) 81 074 637 | Beirut, Lebanon | LinkedIn

EDUCATION

American University of Beirut (AUB) | *Beirut, Lebanon*   **Expected Graduation: Jun. 2026**
- B.E. in Computer and Communications Engineering
- Relevant Coursework: Ethical Hacking I (EECE503G) & II (EECE503J), Cryptography & Network Security (EECE455), Digital Forensics and Incident Response (EECE503O), Network and Computer Security Laboratory (EECE655L).

PROFESSIONAL EXPERIENCE

UNRWA, Information Technology Support Specialist Internship | *Beirut, Lebanon*   **Jun. 2024 – Aug. 2024**
- Delivered first-line technical support to 100+ staff across multiple field offices.
- Assisted in configuring Windows devices, managing user accounts, and supporting network printers.

Semicolon Academy, Technical Ambassador | *Beirut, Lebanon*   **Sep. 2024 – Jun. 2025**
- Co-organized Lebanon's largest Capture the Flag (CTF) cybersecurity competition, hosted at AUB with 1200+ participants from over 20 universities, in collaboration with the ACM AUB Club.
- Partnered with Hack The Box (HTB) conducting hands-on labs where students practiced solving real-world cybersecurity challenges and improved offensive security skills.
- Delivered and facilitated cybersecurity workshops and technical training sessions for AUB students, covering topics such as Linux and Windows machine exploitation.

EXTRACURRICULAR ACTIVITIES

Google Developer Student Clubs, Cybersecurity Technical Officer | *Beirut, Lebanon*   **Sep. 2025 – Present**
- Coordinating and hosting cybersecurity talks, expert panels, and technical sessions on digital security, ethical hacking, and real-world threats through collaborations with IEEE AUB, ACM AUB, and external industry experts.

ACM AUB Club, Cybersecurity Technical Officer | *Beirut, Lebanon*   **Sep. 2024 – May. 2025**
- Led technical training sessions for over 30+ AUB students using the Hack The Box (HTB) platform, focusing on hands-on Capture The Flag (CTF) challenges across Windows and Linux environments.

NASA Space Apps Hackathon, Finalist | *Beirut, Lebanon*   **Nov. 2023 – Dec. 2023**
- Led a 4-member team developing a collaborative platform for research scientists and students, earning a top 10 national ranking.

TECHNICAL PROJECTS

AUB, Smart EV Charging Infrastructure with Cybersecurity and Grid Impact Analysis *(Final Year Project)*
- Designing a secure, scalable architecture for Electric Vehicle (EV) charging in Lebanon, integrating smart energy management, cybersecurity, and grid impact analysis. Developing a custom optimization algorithm to dynamically allocate energy usage percentages based on real-time demand, electricity availability, cost fluctuations, and financial constraints.

AUB, Multi-Platform Network Penetration Test – CTF Simulation
- Simulated a multi-VM red-team engagement (1 Linux, 3 Windows, AD). Escalated from low-privilege via AS-REP roasting, obtained WinRM on the DC, dumped NTDS.dit/LSA secrets, and produced a professional pentest report with remediation recommendations.

AUB, Boot to Root: OSCP-Style CTF Challenge
- Gained root access to a Linux Machine through enumeration (Nmap, service/version checks), exploit chaining and privilege escalation and retrieved all flags following an OSCP-style methodology. Documented all findings and delivered detailed professional penetration testing reports with remediation strategies.

SKILLS

Languages: Full Fluency in English and Arabic

Computer Skills: Python, C++, Microsoft Office (PowerPoint, Excel, Word), Linux & Windows System Administration, Penetration Testing, Privilege Escalation, Active Directory Attacks, Digital Forensics, Network Forensics, Malware Development, Packet Analysis (Wireshark), Bash & PowerShell Scripting, Metasploit, Mimikatz, Volatility, BloodHound, KAPE, FTK Imager.

Certifications: OCB-051, ETH-101(Ethical Hacking Foundation – 50+ hrs., OSINT, web/network exploits, crypto, social engineering), Cisco Intro to Cybersecurity, EC-Council Red Team Cyber Suite (128 modules, 53 labs), Threat Hunter's Arsenal (117 modules, 29 labs).