

Mohammad CHKEIR

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EDUCATION

Lebanese University - Faculty Of Engineering

Beirut, Lebanon

Bachelor of Engineering – Telecommunication Engineering

GPA: 88.85/100

L4 Telecommunication Engineer: Present | *L3*: 88.51, Rank 1/93 | *L2*: 88.665, Rank 1/93 | *L1*: 89.5/100, Rank 2/146

WORK EXPERIENCE

• Cybersecurity & Network Intern – Teknologiaa(2025 - 2 months)

Worked on configuring and securing networks, firewalls (NGFW), VPNs, and IPsec tunnels; managed systems using Windows Server and Active Directory. Gained hands-on experience in SIEM, XDR, and SOAR platforms, and Threat Intelligence (IOC and IOA), as well as cryptography and implementing security layers for email communication (DMARC, DKIM, SPF).

• Internship - Energy Consumption & Anomaly Detection(2024 - 2 months)

Worked with Dr. Abir EL ABED on applying **machine learning** techniques, including **anomaly detection**, to large energy consumption datasets using **Python**. Developed models and algorithms to identify patterns and optimize energy usage.

PROJECTS

• **Vulnerable University Attendance System**: Built a virtual machine in VMware simulating a university attendance system with ESP8266 and RFID. Integrated web portal with vulnerabilities like SQL Injection, hidden directories, FTP/SMB flaws, and steganography. Used tools like Nmap, Burp Suite, and steghide to simulate real-world cyberattacks for training purposes. (2025).

• **Car Booking System**: Developed a C# car booking system with MySQL, managing car availability, customer reservations, and rental records, including car search and availability tracking (2024).

• **Social Network Analysis Tool**: Developed a Python application to analyze social networks using graph algorithms (BFS, DFS, Dijkstra's). Implemented user management, network statistics, and friend recommendation features with a CLI interface (2024).

SKILLS

- **Programming**: C, C#, Python, SQL, HTML, CSS, JavaScript, XML
- **Security**: Network Security, Penetration Testing, SQL Injection, XSS, CSRF, XXE, CTF, Privilege Escalation, OSINT, Authentication, Authorization, SIEM, XDR, SOAR, firewalls, VPNs, IPsec, cryptography, DKIM, SPF, DMARC, Threat Intelligence (IOC, IOA)
- **Tools**: Nmap, Burp Suite, Wireshark, Metasploit, Packet Tracer, Virtualization, Wazuh
- **Operating Systems**: Kali Linux, Ubuntu, Windows Active Directory (Windows Server)
- **Machine Learning**: Data Analysis, Optimization, Classification, Supervised and Unsupervised Learning
- **Networking**: OSI Model, Subnetting, DHCP, SSH, VLANs, ARP, Routing Protocols (Static/Dynamic)

CERTIFICATES

- **Ethical Hacking**: Certificate of Completion from Semicolon Academy
- **Web Security Professional**: Certificate of Completion from Semicolon Academy
- **Python Programming**: Certificate of Completion from Software Engineering Factory
- **Cisco Certified Network Associate (CCNA1)**: Certificate of Completion from Cisco
- **Cisco Certified Network Associate (CCNA2)**: Certificate of Completion from Cisco
- **AI Hacks the System Workshop**: Roumieh Advanced Software Society (AI-driven cybersecurity techniques)
- **Linux Privilege Escalation**: Certificate of Completion from TCM Academy
- **Python 101 for Hackers**: Certificate of Completion from TCM Academy

LANGUAGES

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- Arabic (Native)
 - French (Intermediate)
 - English (Intermediate)