AHMAD FARHAT

Computer Engineering Student | Cybersecurity & Security Engineering
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PROFILE

Computer Engineering undergraduate with hands-on experience in security monitoring, web application security assessment and hardware security research. Skilled in Python, network analysis and security automation, with an interest in cloud and identity security. Open to Summer 2027 cybersecurity internships.

EDUCATION

Beirut Arab University (BAU)

Bachelor of Engineering in Computer Engineering | 2024–2028 (Expected) **| GPA: 3.7/4.0**

Relevant coursework: Computer Networks, Data Structures and Algorithms, Computer Architecture.

SELECTED PROJECTS & RESEARCH

Security Monitoring & Detection Engineering Lab

Wazuh | Python | Windows/Linux logs | MITRE ATT&CK

- Built a SIEM lab to collect endpoint logs, investigate alerts and automate log analysis using Python.
- Developed and tested custom detection rules against controlled security events; documented false positives, findings and remediation.

Web Application Security Assessment

Burp Suite | OWASP Juice Shop | PortSwigger Web Security Academy

- Assessed an intentionally vulnerable application for authentication, access control, SQL injection and cross-site scripting vulnerabilities.
- Produced a vulnerability assessment report detailing evidence, severity, impact and remediation.

AES Cache Side-Channel Research

NEORV32 | VHDL | GHDL | Prime+Probe

- Investigated cache-based information leakage in AES and recovered a 128-bit key in simulation.
- Documented experimental methodology, results and limitations; explored FPGA-based validation.

TECHNICAL SKILLS

Security: SIEM, alert triage, vulnerability assessment, incident reporting, MITRE ATT&CK

Systems & networks: Linux, Windows, Active Directory fundamentals, TCP/IP, DNS, HTTP/S, Wireshark, Nmap

Programming & tools: Python, Java, Git, regular expressions, Burp Suite, Wazuh

Cloud: Azure and Microsoft Entra ID fundamentals, RBAC, MFA, least privilege

PRACTICAL TRAINING

TryHackMe Cyber Security 101 and selected SOC Level 1 modules; 30 PortSwigger labs; independent security challenges and online CTF practice.

LANGUAGES

Arabic: Native | English: Professional working proficiency