Stephanos Khoury

Cybersecurity Analyst | Penetration Tester | Practical Engineering Graduate

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Profile

Results-driven cybersecurity professional and soon-to-be practical engineering graduate with hands-on experience in penetration testing, SIEM/SOC operations, and network defense. Skilled in Python scripting, vulnerability assessment, and the implementation of advanced security solutions across diverse environments. Certified Ethical Hacker (CEH) with a proven record of incident response and threat detection. Eager to contribute analytical, technical, and problem-solving skills to a forward-thinking organization dedicated to protecting critical digital assets.

- **Arabic (native/fluent)**
- **English (fluent)**
- **Hebrew (professional working proficiency)**

Skills

Penetration Testing — Proficient
Web application testing, network penetration, vulnerability assessment, exploit development, Metasploit, Burp Suite, HackTheBox.

Python Programming — Proficient
Scripting for security automation, vulnerability scanning, building custom tools, reverse shell development.

Operating Systems — Proficient
Linux (Bash scripting, security hardening), Windows Server, OS security, privilege escalation.

Web Application Security — Competent
OWASP Top 10, WAF management, client/server-side security, JavaScript security basics.

Digital Forensics Tools — Beginner
Autopsy, FTK Imager, evidence collection, analysis.

SIEM/SOC Operations — Proficient
Event monitoring, incident response, SIEM rule creation, correlation alerts, Splunk, log analysis.

Network Security — Proficient
Firewall configuration, IDS/IPS, Nmap, Wireshark, Cisco networking, network segmentation.

Cloud Security — Beginner
AWS/Azure basics, cloud risk assessment, cloud service configuration.

Programming & Development — Proficient
Node.js, React, data structures, algorithms, Git/GitHub, software project labs.

Soft Skills — Proficient
Problem solving, analytical thinking, teamwork, communication, adaptability.

Education

Practical Engineering in Software Engineering, 2023 – 09/2025
Technion – Israel Institute of Technology Haifa, Israel

- Proficient in Java (primary language), with additional experience in UNIX, Python, Node.js, React, C#, XML, Object-Oriented Programming, Data Structures, and Operating Systems.
- **Final project:** Gym Management System (React frontend, Node.js backend).