Bahaeddine Melki

Cybersecurity Student at Eurecom | CTF Player | Seeking a summer internship

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Profiles	in LinkedIn	⏺ Github	☁ K4v0r1_0x	⬡ Portfolio

Summary

Dual-degree post masters student in Security of Computer Systems and Communications with a keen interest in penetration testing. I thrive on the challenge of researching vulnerabilities and devising creative exploits. Persistence and continuous learning define my journey as K4v0r1 in CTF competitions, and I aspire to become one of the best penetration testers in the field.

Experience

KPMG Tunisia   July 2023 - September 2023
Summer Intern   Tunis, Tunisia

- Resolved technical issues for 30+ users, reducing support resolution time.
- Managed network troubleshooting and user privileges, ensuring security and access control.

IEEE Tunisia Section (Remote)   June 2023 - September 2023
Summer Intern   Tunis, Tunisia

- Collected, cleaned and added labels to receipt data.
- Trained CNN models to extract labels from the receipts.

Education

EURECOM   2024 - 2026
Security in Computer Systems and Communications   Post Master's degree

SUP'COM   2022 - 2024
ICT Engineering   National Engineering Degree

Preparatory Institute for Engineering Studies - El-Manar (IPEIEM)   2020 - 2022
Math and Physics   Pre-Engineering Diploma

Projects

Deepfake Detection Using LLMs   March 2025 – Present

- Developed a language-guided deepfake detection system leveraging ASR-derived transcriptions and LLM-based one-class modeling to differentiate bonafide from spoofed speech.

Pentest Home Lab   February 2025 - Present

- Built lab project features an Active Directory domain environment with a Windows Server domain controller and intentionally vulnerable Linux machines (Metasploitable 2 and 3) within a segmented network.

Zero-Knowledge SNARK Implementation   October 2024 – January 2025

- Implemented a zero knowledge polynomial commitment scheme proof system using the RUST programming language.

Skills

Ethical Hacking	Cybersecurity	Programming Languages	AI
Penetration Testing, Web Exploitation, Binary Exploitation, AD Pentest	Digital Forensics, Cryptography, Systems Security, GRC, Reverse Engineering	Python, C++, C, PHP, Rust, Java	Machine Learning, Deep Learning, Time Series, Pytorch, TensorFlow

Certifications

E-learn Security Junior Penetration Tester (eJPT)   March 2025
INE

Certified in Cybersecurity (CC)   February 2025
ISC2

TOEIC   March 2024
ETS

Languages

English	French	German	Arabic
C2	C1	A2	Native