

Oussama Mahmoudi

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Cybersecurity Enthusiast with a strong foundation in pentesting, cloud, and data security, and hands-on experience in implementing and securing systems. Completed several personal projects focused on vulnerability assessment and network security.

PROFESSIONAL EXPERIENCE

Star Assurance

Jan 2024 - Mar 2024

IT Security Intern

- Installed firewalls and anti-viruses across multiple systems, enhancing network security and safeguarding sensitive data.
- Gained expertise in threat prevention and strategic deployment of security tools to mitigate risks.

Orange Tunisie

Jan 2023 - Feb 2023

Intern - Surveillance Room

- Monitored and analyzed network traffic, ensuring the security of infrastructure.
- Developed skills in real-time threat detection and network surveillance.

PROJECTS

Oussama's Multitool

Batch Scripting

- Developed a suite of command-line utilities for cybersecurity and network analysis, including IP Lookup, DNS Lookup, Ping Sweep, and Password Generator.
- Streamlined tasks essential for security professionals and enthusiasts.

Malware Analysis Tool

Python & Tkinter

- Developed a GUI tool for analyzing files for malware using VirusTotal's API.
- Features include file upload, MD5 hash calculation, and VirusTotal integration with a sleek, Tokyo Night-themed interface.

SSH Honeypot

Python

- Simulates an SSH server to log authentication attempts without granting actual access.
- Features include logging, threading, and RSA key authentication.

EDUCATION

Université Centrale Tunisie

2022 - 2025

Cloud and Data Security Specialization, Computer Science

- Focused on the architecture and security of cloud environments, including data protection protocols, encryption, and risk management techniques.
- Developed secure cloud-based applications and conducted risk assessments for enterprise-level cloud systems.

SKILLS

Python, Bash, Metasploit, Nmap, Wireshark, Kali Linux, Windows Linux, VirtualBox , GitHub
HTML5, CSS3, Javascript, Markdown