

Soufiane Essahli

☎ +212 623439722 | @ soufianessahli@proton.me |  LinkedIn |  GitHub |  Website | 📍 Morocco, Fes

EDUCATION

The Euro-Mediterranean University Fes, Morocco
Cybersecurity Engineering; Second year GPA: 3.5 (14) in the first year. Sep 2022 – Jun 2025

The Euro-Mediterranean University Fes, Morocco
Preparatory Classes; two years with an honorable ranking. GPA: 3.7 (15.5) Sep 2020 – Jun 2022

SKILLS

Programming Languages: C++, Python, SQL, Bash/Shell, Java, Javascript.
Technologies: PyQt, Flask, MySQL, Docker, Redis, OracleDB, Git, ReactJS, Blockchain, Cryptography.
Theoretical Knowledge: Information Theory, Advanced Algorithmics, Probability & Statistics, Parallelism...

EXPERIENCE

Marsa Maroc Casablanca, Morocco
Internship IT Department Jun 2023 – Aug 2023, Full-time

- **Security Assessment:** Conducted a detailed security assessment, identifying key vulnerabilities in web applications and network configurations.
- **Penetration Testing:** Executed penetration tests on internal systems to simulate real-world attacks and evaluate security defenses.
- **Vulnerability Documentation:** Documented vulnerabilities with comprehensive reports, outlining the severity, impact, and recommended fixes for each issue.

ACHIEVEMENTS

Moroccan Cybersecurity Camp 11th Edition: Ranked 2nd in the ENSIAS National CTF.
HTB International CTF: Ranked 81st out of 800 different teams worldwide.

CERTIFICATIONS

Introduction to Cybersecurity Tools & Cyber Attacks
Cisco Ethical Hacking Certificate

MAJOR PROJECTS

Encryption Tool | [GitHub](#)

- Development of a python encryption/decryption command line tool with encryption algorithms made from scratch, featuring a logging system.
- Integrated symmetric ciphers: **AES** (with **CBC**, **CTR**, and **ECB** modes), stream cipher: **ChaCha20**, and asymmetric cipher: **RSA**.

Darkest Sky | [GitHub](#)

- Suggests stargazing spots in a given radius. Features an admin dashboard GUI made with **PyQt5** and **folium**.
- Processing APIs data about light pollution, weather conditions, and geographical data to provide the best stargazing locations with the help of a scoring system.

Face recognition | [GitHub](#)

- Developed A Python application using the **FER2013** dataset, **MTCNN** for facial detection, and the **Stable Diffusion** prompt interrogator, with GPU and multithreading support.

EXTRACURRICULAR

Member of 0xNox CTF team: Known as **HostileNinja72**, my team and i compete in CTF events where i take care of Cryptography and Reverse engineering, and occasionally Web Challenges. **We are ranked 2nd in Morocco.**

President of UEMF Astronomy Club: As Astronomy Club President, I fostered critical thinking and philosophical insight through weekly lectures and events, deepening cosmic appreciation and promoting community engagement.