

Soufiane Essahli

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EDUCATION

The Euro-Mediterranean University Fes, Morocco
Cybersecurity Engineering; Second year GPA: 3.25 in the first year. Sep 2022 – Jun 2025
The Euro-Mediterranean University Fes, Morocco
Preparatory Classes; two years with an honorable ranking during the semesters. GPA: 3.7 Sep 2020 – Jun 2022

SKILLS

Languages: English (*Proficient*), French (*Proficient*), Arabic (*Native Speaker*), Spanish (*Beginner level*).
Programming Languages: C++, Python, SQL, Scripting.
Technologies: PyQt, Flask, MySQL, Docker, Redis, OracleDB, Git, Blockchain, Cryptography.
Theoretical Knowledge: Information Theory, Advanced Algorithmics, Probability & Statistics, Parallelism...

EXPERIENCE

The Euro-Mediterranean University Fes, Morocco
Organizer of a local CTF event Dec 2023

- Preparing the Infrastructure for the CTF Event.
- Making the CTF challenges in Cryptography and Reverse engineering.

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

- Evaluating the security posture of the company.
- Suggesting the necessary Kaspersky modules for the company.

ACHIEVEMENTS

Moroccan Cybersecurity Camp 11th Edition: Ranked 2nd in the ENSIAS National CTF.
HTB International CTF: Ranked 81st about of 800 different team 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 with a logging system. Integration of AES with CBC, CTR and ECB modes, as well as ChaCha20.
- Handling Encryption/Decryption metadata with Json files.

Darkest Sky (Still in development) | [GitHub](#)

- Innovative software that identifies optimal stargazing locations within a specified area.
- Employs diverse programming and development principles, utilizing Python and its scientific libraries to analyze astronomical data and geographic information.

Face recognition | [GitHub](#)

- GUI software for emotion detection and image description with MediaPipe and Stable Diffusion Integorrator.
- Hardware Optimization using CUDA and Tensorflow providing enhanced performance.

EXTRACURRICULAR

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.
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.**