SEIF SEBAI

Computer Science Engineering Student

(+216) 50 666 169

saif.sebai@ensi-uma.tn

github.com/Saif-Sebai

seifsebai.com

linkedin.com/in/seif-sebai/

Tunis, Tunisia

EDUCATION

Engineering Cycle in Computer Science

(ENSI) The National School of Computer Science of Tunis

2022-2025 Tunis

Mathematics-Physics preparatory cycle

(IPEIEM) Preparatory Institute for Engineering Studies El Manar

2020-2022 Tunis

EXPERTISE

Cybersecurity

AI / ML

Cloud & DevOps

Mobile Dev

IoT

Blockchain

LANGUAGE

English (Fluent)

French (Proficient)

Arabic (Native)

Italian (Beginner A2)

AWARDS & ACHIEVEMENTS

- Hack'fest CTF TOP 10

(for both years 2023 & 2024)

- TryHackMe TOP 7%
- HackTheBox TOP 300

HOBBIES

- Calisthenics
- Classical Music

EXPERIENCE

July 2024- August 2024

Smart Skills | El Ghazala Technology Center, Tunisia

SOC Analyst I

- Developed an incident management and response tool to document over 50 incidents and track resolution progress using **TheHive**, **Cortex** & **MISP.**
- Assisted in the configuration and management of **Wazuh** agents across 20 endpoints.
- Conducted vulnerability assessments using **Nessus/OpenVAS**, identifying over 150 vulnerabilities and providing remediation recommendations to strengthen security posture.

June 2024- July 2024

Smart Skills | El Ghazala Technology Center, Tunisia

Red Team Penetration Tester (Pentester)

- Conducted system assessments using **Nmap**, **Burp Suite**, and **Nessus** to identify security vulnerabilities.
- Conducted penetration testing for **12 different clients** and identified over **200 (CVEs) vulnerabilities**, showcasing a strong ability to find and exploit weaknesses in diverse systems.
- Tested and evaluated **firewall rules**, **VPN configurations**, and **intrusion detection/prevention systems**.

June 2023 – July 2023

STARTEC | La Garenne-Colombes, France

Full Stack Developer (Intern)

- Developed a **Java/Angular** application in an **Ubuntu** environment with **Microsoft Azure**.
- Designed and implemented **front-end** and **back-end** functionalities for the application.
- Used **DevOps** methodologies while collaborating with a team to define project requirements and plan development iterations through **JIRA**, improving sprint efficiency by 20%.

May 2022 – June 2022

The Assembly of the Representatives of the People | Bardo, Tunisia

Backend Developer & Automation technician (Intern)

- Developed an **Automated Text Analysis** (ATA) project for converting over 1000+ physical documents into digital format, thus facilitating accessibility and data search.
- Developed and implemented an Optical Character Recognition (**OCR**) model in **Python** for reading archive PDF files (with **PyPDF** and ArabicOcr).

PROJECTS

EnergySense

IoT, React Native, MongoDB, C++, Python, NoSQL

Design and development of an energy consumption measurement application for homes, allowing users to monitor their electrical consumption in real time, with comprehensive documentation of the development process, including software architecture and data collection methods.

PicoDucky

Azure Cloud, C++, Embedded Systems, Python, Raspberry Pi pico, Batch, PowerShell, VBS

Complete attack chain design via a custom "rubber ducky"designed with a Raspberry Pi Pico that connects bots to a command and control server hosted on the cloud.

Brika

Javascript, PHP, MySQL

A website designed to allow users to share culinary recipes and interact with chefs via an interactive user interface.

Brika

C++, Multithreading, SFML, OpenGL

A custom aerodynamics and fluid physics simulator, designed using the C++ programming language and the SFML (Simple and Fast Multimedia Library)

NierFC

IoT, Flutter, NFC, RFID, Mobile Development, Android, iOS, Arduino IDE, ESP32, PlatformIO

A mobile application that leverages Flutter's NFC and RFID capabilities to efficiently manage and clone RFID tags. It allows users to read, write, and duplicate RFID data seamlessly within their Flutter applications, providing a simple interface for managing RFID tags directly from mobile devices.