HAOUALA FERIEL
CYBER SECURITY ENGINEER

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EDUCATION

- **HIGHER SCHOOL OF COMMUNICATIONS OF TUNIS, SUP'COM**   2021 _ Now

Cybersecurity Engineer

- **Higher Institute of Computer Science, ISI**   2018 _ 2021

Bachelors in computer science: Network and service administration

- **Pioneer School of Ariana**   2014 _ 2018

Mathematics Bachelor

WORK HISTORY AND PROJECTS:

Tutored project: Securing Cloud Services (Reverse proxy & CASB)

6NLG & SUP'COM   (Sep_ Now)2023

- Significantly improved real-time analysis and visibility of cloud traffic, leading to improved security posture.
- Conducted in-depth studies, analysis, and testing of a Cloud security solution and reverse proxy solutions.
- Successfully implemented and deployed reverse proxy solutions for enhanced security.

Skills: Cloud Proxy, CASB, Reverse Proxy, Intrusion Detection Systems (IDS), Threat Intelligence Analysis, Netskope

Cybersecurity project: Phishing

Higher School of Communication of Tunis (SUP'COM)   (Jan _ Jun) 2023

- Efficiently automated Phishing Attacks Analysis and Remediation with SOAR, streamlining threat response.
- Effectively utilized the Shuffle platform to simulate, test, and respond to phishing attacks with precision.

Skills: SOAR, Shuffle, SIEM, Email Security, Social Engineering Analysis, Cyber Operations

End-of-study project / Internship student

NEW ACCESS For Bankers   (Feb _ Jun) 2022

- Designed real-time scripts to collect Logs from **over 250+** hardware and software components.
- Utilized Java code and FTP for log analysis, improving error and warning identification.
- Implemented Java EE components using Spring MVC and Spring security modules, to monitor every warning and errors.

Skills: J2E, Spring MVC, Log Collection, Spring Security, FTP, Network Security, web development

Internship student / Network project

National Center for Informatics (CNI)   Jun 2020

- Supervised cable systems, delivering telecom and internet services to Tunisian residents across a **163,610 km²** network.

Skills: IP Addressing, Subnetting, IP Routing, Application Protocols, IPV6, Network Monitoring, Network Management

ASSOCIATIVE EXPERIENCE:

- **Sup'Com Junior Enterprise**   President   Sep 2022 _ Aug 2023

Skills: Leadership, Analytical thinking, Teamwork, networking and relationship-building, work under pressure

- **IEEE ISI SB**   Chairwoman   May 2020 _ May 2021

Skills: Organization, Strategic thinking, Communication, negotiation, persistence

HACKATHON EXPERIENCE:

- **Metaverse Tunisian Summit hackathon**   **1st Prize**   25 - 26 - 27 Nov 2022

Tackled an emerging technology by using Augmented Reality and AI.

- **Cybersecurity & SMART FACTORY Hackathon**   **3rd prize**   29 - 30 Oct 2022

Proposed a decentralized-based solution for cybersecurity in Industry 4.0. among many researchers and startup owners.

- **TICAD 8 Innovation «HACK AFRICA AUTOMOTIVE».** **1st Prize**   2 Sep 2022

Smart troubleshooting application launched by The Industrial Minister and Visteon Electronics.

SKILLS:

- **Networking:**

OSI, TCP/IP, UDP, ARP, HTTP, HTTPS, FTP, SMTP, SNMP, DNS, DHCP, VPN, SDN, IP Addressing, IPv6, IPv4, 5G, LTE/LTE-Pro, Cryptography, SIEM, encryption, IDS, Firewalls, Wireshark, Packet Tracer, Network Administration, Security monitoring, Security Analysis

- **Programming Languages and operating systems:**

Python, Java, Bash, HTML, CSS, JavaScript, C++, C, PHP, SQL, GitHub, MATLAB, VBOX, UNIX and Linux operating systems

- **Languages:**

TOIEC for English, French, Arabic

CERTIFICATIONS:

- **Red Hat System Administration I 9.0**   **Red Hat | 2023**
- **CCNA 1 v7.0 Introduction to Networks**   **CCNA | 2022**
- **Introduction to Cybersecurity Tools &Cyber Attacks**   **IBM | 2020**