



# Feriel Haouala

## CYBER SECURITY ENGINEER

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📍 Ariana, Tunis

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### 📁 PROFESSIONAL EXPERIENCE

#### **Tutored project: Securing Cloud Services (Reverse proxy & CASB), 6NLG & SUP'COM**

Sep 2023 – present

- 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: Proxy, Reverse Proxy, CASB, Intrusion Detection Systems (IDS), Netskope, Firewall**

#### **Cybersecurity project: Phishing, SUP'COM**

Jan 2023 – 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, SIEM, Email Security, Social Engineering Analysis, Cyber Operations, Shuffle.**

#### **Internship Student, FNZ (Formerly New Access)**

Feb 2022 – 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.**

#### **Internship student / Network project,**

*National Center for Informatics (CNI)*

Jun 2020 – Jul 2020

- Supervised cable systems, delivering telecom and internet services to Tunisian residents across a 163,610 km<sup>2</sup> network.

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

### 🏆 AWARDS

#### **Metaverse Tunisian Summit hackathon, First Prize**

Nov 2022

Tackled an emerging technology by using augmented Reality and AI.

#### **Cybersecurity & SMART FACTORY Hackathon, Third Prize**

Oct 2022

Proposed a decentralised-based solution for cybersecurity in Industry 4.0.

#### **TICAD 8 Innovation "HACK AFRICA", First prize**

Sep 2022

The challenge was about the Smart troubleshooting application.

#### **Jet Impact hackathon, First prize**

Nov 2021

Created a startup idea that involves around 17 corporate social responsibilities.

### 🎓 EDUCATION

#### **Higher School of Communication of Tunis (SUP'COM) - Tunis,**

*ICT Engineer Majoring in Cybersecurity*

2021 – present

#### **Higher Institute of Computer Science (ISI)- Tunis, achelors in computer science: Network and service administration**

2018 – 2021

#### **The Pioneer School of Ariana,**

*Mathematics Bachelor*

2014 – 2018

### 🧠 SKILLS

#### **Networking**

OSI Model, TCP/IP, ARP, VPN, SDN, IP Addressing, IPv4, IPv6, Subnetting, IP Routing, 5G, LTE/LTEPro, Network Administration, Network Monitoring, Network Management,

#### **Security**

Cryptography, SIEM, SOAR, Encryption, IDS, IPS, Firewalls, Security Monitoring, Incident Detection, Incident Response, Prevention Systems, Cloud Proxy, CASB, Reverse Proxy, Netskope

#### **Programming Languages**

Python, Bash, C++, C, PHP, SQL, GitHub, MATLAB, virtualisation, UNIX and Linux Operating Systems

### 📜 CERTIFICATES

#### **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

### 🏠 ORGANIZATIONS

#### **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**

### 🌐 LANGUAGES

English (TOIEC) | French | Arabic