

Mohamed Arfaoui Cybersecurity Specialist

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PROFILE

I'm a Cyber Security engineer, who is passionate about Cyber Security, IT, and Web development, and I enjoy CTF challenges(Capture The Flag contests). I am an enthusiastic and hardworking individual who is always willing to learn.

EDUCATION

Computer science and Cybersecurity engineering, National Institute of Applied Science and Technology
September 2017 – July 2022
Tunis, Tunisia

SKILLS

Penetration Testing

Vulnerability assessment

Reverse Engineering

Malware analysis

Programming

Python, C/C++, C#, JAVA,

Cloud Technologies

Docker, AWS services

AWARDS

CTFtime

- Ranked 1st in Tunisia in 2021.
- Top 60 Worldwide in 2020.

CSAW MENA 2021 final Winner, NYU, Abu Dhabi CSAW
October 2021

Securiday 2021 winner, Securinets

- 1st place in Securinets Securiday 2021

CSAW MENA 2020 final 2nd place, NYU CSAW

7th November 2020

- Finished 2nd in MENA region

HackZone 9th edition CTF winners, CSI ENSI

- 1st place in HackZone 2021

LANGUAGES

Arabic

Français

English

PROFESSIONAL EXPERIENCE

Cybersecurity specialist, Yogosha

February 2022 – present | Paris, France

Responsibilities include:

- Penetration testing for Yogosha's clients(Web and mobile).
- Vulnerability assessment and Reviewing and reproducing incoming vulnerability reports for both the Yogosha program and clients.
- Product security and internal penetration testing.
- Contributing to internal security projects and tools as needed.
- Managing/supporting the hackers' community by facilitating clear communication between our community and customers.
- CyberSecurity content creation (CTF challenges, Articles...).

Freelancer, Upwork/Fiverr

January 2021 – present

- Pentesting web/mobile applications

Internship, Athena Experts

July 2020 – September 2020 | Tunis, Tunisia

- Cybersecurity internship
 - Developing and deploying a penetration testing platform
 - Setting up vulnerable Linux machines for penetration testing

ORGANIZATIONS

Securinets(National Cyber Security Association Tunisia), Media Manager/Member

September 2018 – June 2021 | Tunis, Tunisia

Responsibilities include:

- Publishing Cyber Security news and technical articles
- Managing Securinets social media including a Facebook page with more than 13K followers

Technical manager, Securinets(National Cyber Security Association Tunisia)

September 2019 – September 2022 | Tunis, Tunisia

Making reverse engineering and binary exploitation tasks and setting up the infrastructure for the CTFs
Supervising a network security workshop
Supervising a Mobile reverse engineering workshop
Supervising a Binary reverse engineering workshop

Fword CTF and security research team, Co-founder and Member

- Reverse engineering player

PROJECTS

Automated Security Scanner

February 2022 – July 2022

This project was an automated scanning tool that is capable of testing networks and servers with the goal of detecting vulnerabilities. This tool brings together the best tools like Nessus and BurpSuite etc...

Malware Analysis Tool, An Emulator Based Approach

January 2021 – June 2021

this project aims to replace traditional malware analysis ways that use sandboxing and win a lot of resources by using Qiling emulator and tracing system API calls

International CTF infrastructure

August 2021

Deploying CTFd infrastructure using various DevOps tools like Docker and Docker Swarm and Microsoft Azure

INTERESTS

- CTF and Programming competitions
- Attending social events
- Handball