

Mohamed Arfaoui

Cybersecurity Specialist

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📄 PROFILE

I'm a Cyber Security engineer, I am 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.

🧠 SKILLS

Penetration Testing

Vulnerability assessment

Reverse Engineering

Malware analysis

Programming

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

Web Development

Linux Administration

Bash Scripting

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

🔗 INTERESTS

- CTF and Programming competitions
- Attending social events
- Handball

🎓 EDUCATION

Computer science and network engineering,

National Institute of Applied Science and Technology

September 2017 – July 2022 | Tunis, Tunisia

💼 PROFESSIONAL EXPERIENCE

Cybersecurity specialist, Yogosha

February 2022 – present | Paris, France

Responsibilities include:

- Vulnerability assessment and bug reports triaging
- Managing/supporting the hackers' community
- CyberSecurity content creation (CTF challenges, Articles...)

Freelancer, Upwork/Fiverr

January 2021 – present

- Pentesting web/mobile applications
- Level one seller in Fiverr

Technical manager, Securinets(National Cyber Security Association Tunisia)

September 2019 – present | 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

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

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 wi 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

Network Security Tool

A Tool that was developed during the workshop that I Supervised. the tool can perform multiple network attacks like ARP spoofing, DNS spoofing, etc...