



23 ans

COORDONNÉES:

☎ +33603093206

✉ abdel-malik_fofana@hotmail.com

🏠 Paris, France

🌐 <https://www.linkedin.com/in/abdel-malik/>

All my links: (Root me 1355 points , hack the box , my web site etc.):

<https://unit.link/abdel-malik>

SKILLS:

Programming language:

Python (+ django), C / C++, C#, Bash , SQL , Html , Css , javascript , php , Assembly LC-3 , Java , ocaml , R

Network/hacking:

Cisco Packet Tracer, Wireshark, NMAP, Metasploit, Ddos, hashcat, john, Injection sql, Phishing, EBIOS RM, HackTheBox / Root me, OWASP, Openssl (Aes, 3DES, RSA ...), Asterisk, Mooc ANSSI and CNIL, deauth attack, Man in the middle, VMware, Pgp, Virtualbox, flipper zero, Docker, Web purple team: Burp Suite, kubernetes, minikube, Grafana, kiali, gobuster, ffuf, Forensic: Autopsy, Autoruns, Volatility, Reverse engineering: Ghidra, Deobfuscator, apktool, ida-free

Tools:

Kali Linux, Traefik, Reverse proxy, Server (DNS, SMTP etc...), Crontab, iptable, ONOS SDN, Tails, github (Git), aws, Unity 3D, Blender, photoshop, Latex

LANGUAGES:

English: Bilingual

French: Native language

Spanish: Intermediate

Russian: Beginner

I can also read Greek and Arabic.

QUALITIES:

Autonomous, Self-taught, Curious, and Adapts very quickly

HOBBIES:

Computer Science, Bodybuilding, and MMA / Thai Boxing / Sambo / brazilian jiu jitsu

ABDEL-MALIK FOFANA

LOOKING FOR A POSITION IN CYBERSECURITY OR NETWORKING (IDEALLY IN PENTESTING, CERT, SOC)

FORMATION:

Master : Computer Science – cybersecurity and e-health | 2023

Paris V Descartes university

- Network and System Security with **Cisco** (preparation for **CCNA Security certification**), Advanced Cryptography and Blockchain, Web Application and IP Service Security, Security Audit, Ethical Hacking, and Penetration Testing (preparation for **CEH certification**), Forensic Analysis and Malware, Data Protection: Regulations and Compliance, Technological Watch and Innovation, etc.

Master I: Computer Science – Networks and Autonomous Systems

Paris V Descartes university

- With honours, **18/20 in Cryptography and Network Security**, 15.75/20 in Programmable Networking and Virtualization (docker and SDN)

Licence : Informatique (bachelor's degree computer science) | 2019 – 2022

Sorbonne Paris Nord university

- with honours

Scientific Baccalaureate: Physics Chemistry | 2018

Paul Robert High school

EXPERIENCES:

System Engineer / DevOps | 05/2023 - 08/2023

Animath

- **Securing (PKI)** with **Let's Encrypt** and **Traefik** for **HTTPS** connections and setting up a **reverse proxy (Traefik)**, **Docker** container management, **Linux** system administration, web development (**HTML**, **JavaScript**, **PHP**, **Django**), database management (**postgre**), server configuration, and automation (**Python** and **crontab**)

Internship C# Developer Unity 3D | 05/2022 - 09/2022

Railenium

- Designing a train simulator with real-time train coordinates, automating the generation of existing train lines with a realistic rendering for machine learning.

Temporary Work | 2019-2021

- Home Delivery Driver, Construction in Building and Public Works (BTP), Retirement Home Animator, Inventory Clerk, Mover, Farmer

PROJECTS:

• **Homomorphic Encryption Benchmark Comparison:** CONCRETE, HELIB, PALISSADE (OPENFHE), SEAL, TFHE

• **Python Hacking Code:** PDF and ZIP Password Attack, Sniffing, and Man-in-the-Middle (ARP) Attack with Scapy (Python), as well as Password Attack on FTP, Telnet, SSH, MySQL, and PostgreSQL servers. (1 script per attack) Automatic math web question solver, automatic captcha solver.

• **Network Architecture and Open Source Software:** Router, VOIP, DHCP, NAT, servers: (WEB, TFTP, POSTFIX, DNS...), OSPF, RIP V2, SSH, VLAN and DMZ, TCP/IP, LAN, PGP <https://github.com/CatharsisCoding/Reseau-Entreprise>

• **Hacking:** Python-coded DDoS, BLUE TEAM defense against DDoS with iptables firewall, reverse-shell/payload (metasploit, setoolkit, msfvenom, etc...), payload encoding, phishing, tons of reverse shells and challenges on Hack The Box and root me, netcat, tor, etc... Self-taught for 4 years. <https://youtu.be/O-08jDq-UX4>

• **CTF OTERIA CYBER CUP:** 13th out of 20 Maritime Theme: Forensic, Radio-Software, OSINT, Networks, brute force, web-client/server attack, steganography, etc...

• **Flipper zero:** iPhone crash/ddos, NFC duplication, car key and credit card cloning, etc...

• **Machine Learning:** Prediction of car trajectory for autonomous driving (Python/TensorFlow), prediction of city electricity consumption, COVID-19 analysis, cat and dog classification, landscape recognition, etc.

• **An application:** Equivalent to "Google Maps" metro itinerary with RATP databases in Python and SQL <https://www.youtube.com/watch?v=u9eJlqHvP-Q>