Wadie Bouanfar

Cybersecurity Engineer

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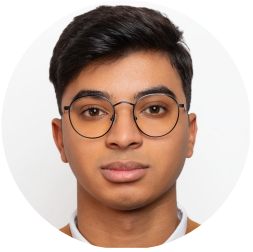
Driving License B | Own vehicle
Willingness to travel
Able to learn any new technologies or skills as needed.



I hold a **Bachelor's Degree in Computer Engineering (ICT)** and a **Master's Degree in Cybersecurity and Privacy**.I am passionate about designing secure systems, developing security tools, and understanding software at both high and low levels.

My goal is to build a career as a Cybersecurity Engineer. I am particularly interested in network security, vulnerability management, malware and binary analysis, and security automation.

I am a curious and analytical professional, always eager to learn, solve technical challenges, and contribute to building secure and resilient systems.

Skills

Programming Language :	Java, Python, C, Assembly.
Web Programming :	JavaScript, HTML 5, CSS, PHP, Vue.
Enviroment :	Linux, Unix, Windows.
Database :	MySQL, Postgresql, SQLite, Oracle, MongoDB.
SysAdmin :	Apache, Nginx, Zabbix, VM, Nagios, SIEM, IDS/IPS, Proxmox
Scripting :	Bash, Powershell.
Tools :	Ghidra, Hydra, Nmap, BurpSuit, Rclone, GoBuster, Wireshark, PostMan, FUZZ...

Professional Experience

2026 — Master's Thesis : Backup Server Hardening & Ransomware Analysis

- Designed and deployed a Bare-Metal Zero Trust laboratory integrating Proxmox VE, and PBS.
- Simulated destructive ransomware attacks (MITRE ATT&CK T1490, Wiper mode) via a script.
- Implemented data immutability and micro-segmentation using strict RBAC and API Tokens.
- Authored an operational open-source hardening guide and achieved an optimal **RTO**.

Zero Trust | Proxmox VE | Proxmox Backup Server | pfSense | Ransomware Analysis (T1490) | RBAC | Data Immutability

2025-2026 — IT Security Audits

- Performed technical audits on computer systems and local networks.
- Identified insecure configurations, evaluated access policies, and detected vulnerabilities.
- Prepared detailed technical reports including prioritized corrective measures.

Network Security | Vulnerability Analysis | Linux | Technical Reporting | Security Best Practices

2025 — Automated Network Analysis Tool

- Developed an automated tool for detecting active hosts and open ports in local networks.
- Implemented service and version analysis, vulnerability identification, and password evaluation through brute-force techniques.
- Generated preventive reports with prioritized recommendations to improve system security.

Python | Bash | Hydra | Nmap | Rclone

2024 — Pentesting and Cybersecurity Experience

- Solved penetration testing machines on platforms such as Hack The Box (HTB) and TryHackMe.
- Used tools like Nmap, Burp Suite, and Gobuster, applying command injection and other offensive techniques.
- Conducted vulnerability assessments and system analysis.

Nmap | Burp Suite | Gobuster | Linux | Command Injection | Cybersecurity Labs

Languages

Spanish **English** **French** **Árabic** **Valencian** **German**

Educación

2026 UOC, Master's Degree in Cybersecurity and Privacy.
2025 UJI, Bachelor's Degree in Computer Engineering, Specialization in Information Technology.
2025 Cisco Networking Academy, Ethical Hacking course offered by Networking Academy.
2021 IES Sierra de Espadán, Scientific-Technological Baccalaureate.