OTHMANE TANJI
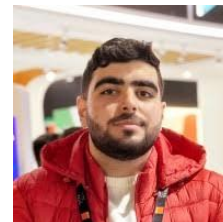
(212) 662-176237 | French/English | othmanetanji@outlook.com | Portfolio ⬈ | LinkedIn ⬈ Casablanca, Morocco

EDUCATION

École Marocaine des Sciences de l'Ingénieur (EMSI)   Sep. 2021 – Jun. 2026
Bachelor of Engineering - Computer Science and Network Security

Operating Systems – Computer Networks & Security – Database Design – Software Development – Cloud Computing

Baccalauréat in Physics & Chemistry   Jun. 2020

TECHNICAL SKILLS

Networking & Security: Linux & Windows Server administration, network configuration & management, cybersecurity analyst.

Software: SQL (database design & Conception & management), Python, Java (OOP), UI/UX design, Python-based web frameworks.

TECHNICAL EXPERIENCE

Cloud ERP Deployment Intern   Jul. 2024 – Sep. 2024
Marjane Group   *Casablanca, Morocco*

- Set up cloud infrastructure on Microsoft Azure for an ERP application.
- Integrated cloud services and managed deployment environments.
- Created and configured virtual machines for employees with role-based privileges and permissions in the ERP system.
- Automated backups and managed user rights with Linux Bash scripts to ensure secure and reliable data handling.

IT Infrastructure & Cyber-Security Intern   Jul. 2025 – Sep. 2025
Sanofi Morocco

- Renovated and modernized IT infrastructure with partial migration of services to Microsoft Azure.
- Deployed advanced firewalls and configured Intrusion Detection Systems (IDS) across the corporate network.
- Implemented a Security Information and Event Management (SIEM) system to centralize and monitor security events.
- Conducted penetration tests in isolated virtual machines to identify and remediate vulnerabilities.
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PERSONAL PROJECTS

SOC Analyst Web Application, | *CyberSecurity Lab, SpringBoot, n8n Workflow Automation, ML Model.*   Oct. 2025

- Built a personal cybersecurity lab simulating attacker–defender scenarios using Kali Linux for offensive operations (Nmap scanning, MITM, Metasploit, RAT, DDoS).
- Developed a backend application with **Spring Boot** to collect, process, and display security alerts in a centralized dashboard.
- Integrated **n8n** automation to forward logs from the attacking machine (Kali Linux) into the backend system.
- Designed a dashboard that visualizes all detected attacker actions, categorizes alerts by severity, and highlights real-time intrusions.
- Implemented a machine learning model to classify alerts and enhance detection accuracy.

CERTIFICATIONS   Jul. 2025 - Present

- **Comptia A+**
- **Comptia Network+**
- **Comptia Security+ (On Going)**