

# Amine AKHLAFA

## Looking for a 3-month Pentesting / Red Team internship

Starting from June 15th, 2026 | ☎ +33 6 02 40 03 63 | @ amine.akhlafa9@etu.univ-lorraine.fr | LinkedIn | GitHub

### Education

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#### École des Mines – One of France's leading engineering universities.

Nancy, France

Major in Computer Science ('Formation Ingénieur Civil des Mines')

Sept 2024 – Present

- \* **Relevant coursework:** Algorithms and Complexity, Foundations of Computing, Computer Architecture, Software Engineering, Introduction to C/C++.

#### Classe Préparatoire aux Grandes Écoles MPSI/MP\*

Lyon, France

Lycée La Martinière Monplaisir

Sept 2022 – July 2024

- \* A two-year intensive undergraduate program for admission into France's most prestigious institutions.
- \* **Relevant coursework:** Mathematics, Physics, Computer Science.

#### French Baccalauréat général - Graduated with honours

Bourg-en-Bresse, France

High School Diploma, Lycée Edgard Quinet

Sep 2020 – July 2022

- \* Major in Mathematics and Physics.

### Experience

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#### Research Project: Automating Penetration Testing with AI Agents

Nancy, France

Supervised by Dr Jean-Yves Marion, Université de Lorraine, LORIA-ENSMN

Oct 2025 – Present, 1,5 days/week

- Designing AI-driven workflows to automate penetration testing by integrating large language models.
- Mapping offensive actions to MITRE ATT&CK techniques using ML and RAG to structure and guide penetration testing workflows.

#### Cybermines - The school's cybersecurity club (11 members)

Nancy, France

President (CEO)

July 2025 – Present

- Organize weekly sessions teaching cybersecurity and pentesting fundamentals, run beginner CTFs, and mentor members on TryHackMe labs.
- Coordinate conferences and guest talks with cybersecurity industry professionals.

#### Operator Internship

Bourg-en-Bresse, France

Renault Trucks

Feb 2025 – Mar 2025, Full-time

- Gained exposure to industrial operations and processes in a large manufacturing environment (+1400 employees).
- Adapted quickly to a new technical domain while developing professional discipline and teamwork skills.

### Personal Projects

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#### Penetration Testing Lab

- Self-directed pentesting training alongside engineering studies, using TryHackMe and external resources; writing structured CTF writeups published on GitHub and maintaining a personal knowledge base (Obsidian) to document tools, techniques, and lessons learned.
- Built and managed a multi-VM VMware pentest lab (Kali, DVWA/Juice Shop Ubuntu targets, Windows 7 x86 for buffer overflows fundamentals) with host-only networking and static IPs.

### Skills

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**Programming, Systems & Tooling:** C/C++, Java, Python, SQL, MATLAB, R, Linux, Git, VMware, Obsidian.

**Offensive Security Tools:** Nmap, ffuf, Burp Suite, Metasploit, BloodHound (intro), Netcat.

### Certificates

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**Project Management:** MOOC Gestion de Projet.

**TryHackMe (Top 1%):** CyberSecurity 101, Offensive Pentesting, Jr Penetration Tester (Applications Web & Active Directory).

### Languages

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French (native), English (B2 - C1 IELTS planned January 2026), Arabic (fluent - with some formal limitations).