

# Wassila Chtioui



📍 Lyon, France (Open to relocate)

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## Profile

Pursuing a double-degree Master's in Computer Science at INSA Lyon, France and the University of Passau, Germany. With a strong passion for cybersecurity, I actively participate in hacking competitions and Capture The Flag (CTF) contests, including international events like Blackhat MENA and enjoy contributing to the community by sharing my insights and experiences on my blog.

Currently seeking a 4 month internship in cybersecurity, starting from June, to further develop my expertise in red teaming and penetration testing.

## Skills

**Programming** — Java, C, C#, Python, JavaScript, PHP,

**Web Development** — Angular, .NET Framework, SQL,

MongoDB, NodeJS, HTML/CSS, **Linux Administration**,

**Web Exploitation and Penetration Testing** —

Wireshark, BurpSuite, Metasploit, Nmap, Nuclei, Nessus,

Ffuf, **Cloud Technologies** — Docker, Kubernetes,

Amazon S3

## Organizations

**Engineers Spark**, *Chairwoman*

**Securinets National Association (ISI)**,

*Technical team member*

**Women in CyberSecurity WiCyS**, *Member*

**International Telecommunication Union**,

*Generation Connect - Arab group member*

## Interests

Music, Hacking competitions, Gymnastics, Travel

## Languages

Arabic (Native), English (C1), French (C1), German (A1), Japanese (A1)

## Education

**Engineering Degree in Computer Science**,

*National Institute of Applied Sciences of Lyon (INSA Lyon)*

09/2024 – 06/2026 | Lyon, France

**M.Sc. in Computer Science**, *University of Passau*

04/2024 – 06/2026 | Passau, Germany

**License in Network and Telecommunication**, *ISSET'COM*

09/2020 – 06/2023 | Tunis, Tunisia

## Professional Experience

**Junior Cybersecurity Engineer**, *Spidersilk*

12/2022 – present

Vulnerability assessment and threat detection using Open Source Intelligence techniques.

Automating and developing internal security tools using Python.

**Offensive Security Intern**, *Ernst & Young*

07/2022 – 09/2022

Developing vulnerable labs and CTF challenges to assess the skills of prospective interns and employees during the interview process.

**SOC Analyst Intern**, *ODDO BHF*

01/2022 – 02/2022

Deployment of TheHive and Cortex.

Developing a custom Cortex Analyzer.

Case Analysis and Threat Intelligence overview.

**CyberSecurity Intern**, *Axe Finance*

08/2021 – 12/2021

Implementing OWASP Top 10 Mobile Security in a banking application.

**Network Intern**, *CNAM*

07/2021 – 08/2021

Usage of CISCO CLI and Packet Tracer for network configuration and Wireshark for monitoring traffic.

## Projects

**Automating Kubernetes Security Assessments**

Developed a **Python** tool to automate the security assessment of **Kubernetes** clusters, aligned with NCC and Kubernetes attack matrices.

**Hardening Active Directory Environment**

Designed and built an intentionally vulnerable Active Directory environment using **Microsoft Azure** and exploited common vulnerabilities. Following the exploitation phase, remediation techniques were applied to address the identified flaws.

**Developing vulnerable Web Applications**

For hands-on practice and mastering cyber attacks, I develop vulnerable labs using various programming languages, including **PHP**, **Python** and **NodeJS**.

## Certificates & Awards

**Web application Penetration Tester eXtreme**

(eWPTXv2) 🏆

**BlackHat MEA CTF 2023**

Finalist