



Léopold Mosser

Cybersecurity Engineer

- 06-42-43-39-85
- leopoldmosser@gmail.com
- 24 May 2003

PROFESSIONAL SUMMARY

Cybersecurity engineer and developer combining high-performance software design (C, C++, Java, Python) with offensive and defensive expertise (Root-Me @d3velopp - 1630 pts #8913). From penetration testing to malware analysis, I build advanced automation tools for detection and incident response.

EXPERIENCE

03/2026 - 08/2026

6 months

Design of an agent-based reverse engineering software CERT Naval Group | Toulon | Internship

- Agent-based AI development: Full design of an autonomous binary analysis agent built on the Google ADK framework in Python.
- Implemented the MCP (Model Context Protocol), creating custom Skills and Tools to connect the LLM to analysis tools such as IDA, GDB, and Ghidra.
- Automated reverse engineering and deobfuscation for specific architectures (x86-64, ARM, DSP, etc.).
- Saved several weeks of work for the analyst team.

03/2025 - 06/2025

4 months

Design of filter generation software for FPGA MBDA | Bourges | Internship

- Developed software in C++ using the Qt framework on Visual Studio.
- Integrated the software into an embedded systems environment.
- Collaborated with staff to learn their roles and understand company workflows.

08/2025 - 12/2025

5 months

Study exchange in Canada UQAC | Chicoutimi | Exchange

- Participated in team CTFs.
- Performed attacks on virtual machines containing application and structural vulnerabilities.
- Designed and deployed security updates.

01/2019 - Present

7 years and 7 months

Personal projects D3velopp

- Developer of numerous indie games and software under the handle D3velopp; recognized as a Student Entrepreneur during engineering school in 2024 and 2025.
- Portfolio of game/software projects:
<https://gamejolt.com/@d3velopp/games>

INTERESTS

Rock climbing, Guitar and Tricking (martial arts)

SKILLS

- **Object-oriented development & Languages:** C, C++, Java, Python
- **Cybersecurity:** Reverse engineering, Web security, Penetration testing
- **Development environments:** Visual Studio, Eclipse
- **Artificial Intelligence:** Development of AI agents & multi-agent systems

EDUCATION

08/2025 - 12/2025

UQAC | Canada

Study exchange at UQAC in Canada for a 4-month period

09/2023 - 09/2026

INSA Centre Val de Loire | Bourges

Engineering School : Security and Information Technologies

09/2021 - 06/2023

Lazaristes | Lyon

CPGE (Preparatory Classes) : Preparatory classes for Grandes Écoles

06/2021

Ecole La Mache | Lyon

STI2D Baccalaureate : Digital option - Very good

01/2021

BAFA (French youth leader certificate)

LANGUAGES

English

Upper-intermediate (B2)

TOEIC : 835 pts

French

Native speaker