ALPER AYDEMIR

CYBERSECURITY/NETWORK SECURITY

Alper.aydemir@efrei.net
https://alperaydemir.netlify.app/
https://github.com/Alper-Aydemir

ABOUT ME

Cybersecurity student in the 3rd year of a Bachelor's degree at EFREI Bordeaux, specialized in network security, pentesting, and system hardening.
I also develop automated trading systems as a personal project, applying strict risk management, secure architecture, and defensive programming principles.
Currently seeking a minimum 3-month internship starting March 2026.

SKILLS

- **Cybersecurity & Pentesting** : Network & Web Pentesting - Vulnerability analysis - Tools: Nmap, Burp Suite, Aircrack-ng, Wireshark
- **Networks, Systems & Infrastructure** : Linux (Kali, Debian, Ubuntu) - Windows environments - Firewalls & routing (OPNsense) - Network services: DNS, DHCP - Traffic analysis & monitoring
- **Development & Automation** : Python - MQL5 - C / C++ - PHP - SQL - JavaScript - HTML / CSS

PROFESSIONAL EXPERIENCES

Assistant in Cybersecurity | 2024 – 2025

- Securing workstations and strengthening network infrastructure
- Configuration of Wi-Fi security (WPA3, WPS hardening)
- Web security audits and continuous vulnerability monitoring
- Cyber threat intelligence and security awareness training for employees

IT Technician | 2023 – 2024

- Network maintenance and troubleshooting of Wi-Fi connectivity issues
- Implementation of security protocols in collaboration with technical teams

PROJECTS

- Secure Algorithmic Trading Engine (MT5 – MQL5) | Personal Project
- Router-on-a-stick – Network Topology: Setting up a Router-on-a-stick network topology on GNS3 with CISCO equipment (router, switch, DNS, DHCP, Web servers, VPCS).
- SaaS platform for hosting Minecraft servers with self-hosted architecture on a Debian server, Docker isolation and Zero Trust security via mandatory VPN.
- Cyber Project: tasked with setting up an architecture capable of backing up files, providing statistical data, and also being able to restore them.

EDUCATION

Bachelor in Cybersecurity & Ethical Hacking

EFREI Bordeaux | 2023 – 2026

SOFT SKILL

DISCIPLINE RIGOR ADAPTABILITY RESPONSIBLE ANALYZE EXPLOIT COMMUNICATION ORGANIZE

INTERESTS

- Volleyball coach since 2021 (team management, training organization, leadership)
- National-level volleyball player
- Boxing & endurance sports

LANGUAGE

- French
- English
- Turkish
- German