

Alaa Eddine Ayedi

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LinkedIn — GitHub — Medium

EDUCATION

National School of Electronics and Telecommunications
Master of Science in Network and Telecommunications Engineering
National School of Electronics and Telecommunications
Bachelor of Science in Information and Communication Technology

Tunisia, Sfax
Expected 2025
Tunisia, Sfax
Sep 2019 – Jun 2022

WORK EXPERIENCE

Spark-it
Security Operations Intern

Tunisia, Sfax
Jun 2024 – Aug 2024

- Engineered a custom SIEM solution, reducing false positive alerts by 30%
- Deployed 5+ network security services and integrated them with the SIEM server
- Developed a network activity dashboard for real-time monitoring of 20+ endpoints
- Configured an IDS capable of identifying 98% of known threat signatures

PROJECTS

Self-Hosted Services on Home Server
Proxmox VE, TrueNAS, Pi-Hole, Wireguard VPN, Nginx Proxy Manager

GitHub
Aug 2024

- Built a home server infrastructure supporting 4+ users with 99.9% uptime
- Implemented 6 self-hosted services, reducing third-party reliance by 80%
- Optimized 3 VMs and 7 LXC containers, improving system performance by 40%

SOAR EDR
LimaCharlie, Tines, Windows Server

GitHub
Jul 2024 – Aug 2024

- Designed a cloud-native SOAR solution, estimating 50% infrastructure cost reduction
- Deployed EDR agents on 2 Windows servers with 100% coverage
- Created an alert system processing 10+ daily security events

Cybersecurity Home Lab
Virtualization, Blue and Red Teaming, Networking

GitHub
Jan 2024 – Apr 2024

- Built a lab environment simulating 5 distinct network segments
- Executed 4+ offensive scenarios with corresponding defensive strategies

LEADERSHIP

Google Developer Student Club
Cybersecurity Tech Lead

NSET, Tunisia
Sep 2023 – Mai 2024

- Led 10+ cybersecurity workshops, training 45+ students
- Organized CTF competitions, increasing department membership by 50%

SKILLS AND CERTIFICATIONS

- **Network Security:** Firewalls, IDS/IPS, VPNs, Encryption, Network Infrastructure
- **Virtualization & Cloud:** VirtualBox, ProxmoxVE, Docker, AWS
- **Programming:** Python, Bash, PowerShell
- **Languages:** Arabic (native), English (fluent), French (fluent), German (Beginner)
- **Certifications:** Cisco CCNA (1 & 2), Security Blue Team Level 1 (BTL1)

ADDITIONAL INFORMATION

- Published technical blog on building a cybersecurity home lab
- Active contributor to open-source networking and security projects
- Participated in 1-week international exchange program at KNUST, Ghana