Amdouni Ghaith *Networks & Telecommunications Student*

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SUMMARY

Networking & Telecommunications student passionate about cybersecurity, networking, DevOps/DevSecOps, and Software development. Skilled, motivated, curious, and versatile, eager to apply my skills to concrete, innovative projects.

PROFESSIONAL EXPERIENCE

Securinets — Technical Team Instructor — 2026 – Present
- Train and mentor club members on offensive security topics (binary exploitation, CTF techniques)
- Design/lead technical workshops as part of the Securinets technical team

Digital Forensics Police — Intern —August2026
- Independently designed and built **FACEIS**, a full-stack facial recognition system for forensic investigation, from scratch
- Built the face-matching pipeline using RetinaFace for face detection/alignment, DeepFace for embedding generation, and FAISS for fast similarity search against a face database
- Developed the backend API with FastAPI, SQLAlchemy, and PostgreSQL, with Alembic-managed schema migrations
- Containerized the application with Docker and docker-compose for deployment; wrote automated tests with pytest

Zedka Services – Intern / Collaborator -*[June 2024* – August *2024]*
- Contributed to the development and maintenance of the MSJVerre website
- Worked on front-end and back-end development, page optimization, and content integration
- Handled configuration and technical maintenance of the website

PROJECTS

MOJO-JOJO CTF — Challenge Author
- Designed advanced binary exploitation challenges (stack pivoting, heap overflow, SROP techniques…)

FST Bootcamp CTF Challenges — Binary Exploitation
• Designed binary exploitation CTF challenges (ROP, ret2shellcode, format string) for the FST bootcamp, containerized with Docker

DevOps Pipeline – TaskManager
• Cloud-native task management app built with Spring Boot and PostgreSQL, containerized with Docker, deployed on Kubernetes, with CI/CD via GitHub Actions and monitoring via Prometheus/Grafana

Tor Network Simulation
• Conception et simulation d'un réseau d'anonymisation par routage en oignon, implémentant un chiffrement multicouche, une architecture de nœuds relais et un tunneling de trafic par circuit pour anonymiser les communications TCP/IP

5G Mesh Network Simulation with OMNeT++
• Built a simulation environment to study the behavior of a 5G mesh network

Video Game Development
- Developed 2D games including Flappy Bird, Super Mario, Zombie Shooter, and Brick Breaker

SKILLS

Networks & Telecommunications: Network configuration, troubleshooting, Cisco Packet Tracer simulations, security concepts

Cybersecurity:: Vulnerability analysis, system hardening, Linux administration applied to security

Programming & Web Development: HTML, CSS, JavaScript,PHP/Symfony,Typescript,React,Python/Flask,WordPress,MySQL,C,C++,Java/Springboot

Systems, Tools & Environments:: Linux, Docker, Git / GitHub, ,Github Actions,Jenkins, Kubernetes,Terraform, Ansible, Prometheus, Grafana

AWARDS

- 4th place in Africa, SecuriNets international qualifiers

- 7th place, SecuriNets international finals
- 1st place, SecuriNets ISI qualifiers
- 1st place, SecuriNets ISI national finals
- Top 8, ClawThe Flag CTF
- 1st place, ENIT Friendly CTF

CERTIFICATES

- CCNA: Introduction to Networks – Cisco
- Certified Red Team Operations Management
- CCNA: Switching, Routing and Wireless Essentials – Cisco
- Google Cybersecurity – Coursera
- CS50's Introduction to Computer Science – Harvard University

LANGUAGES

- **Arabic**: Native
- **French**: Fluent
- **English**: Fluent

German : B1