

EMNA BOURAOUI

Computer Engineering Student · Cloud & Cybersecurity

Tunisia · emna.bouraoui0822@gmail.com · +216 58 773 873 · linkedin.com/in/bouraoui-emna · GitHub · emnabouraoui.me

PROFESSIONAL SUMMARY

Computer Engineering student at ESPRIT, motivated and detail-oriented, with a strong willingness to learn. Open to internship opportunities where I can contribute, develop new skills, and grow professionally.

PROFESSIONAL EXPERIENCE

Virtualization & Infrastructure Intern · TMI July 2026 · 6 weeks
Explored VM management and host configuration with KVM and oVirt on Linux.
Tested Oracle Linux and VirtualBox VM configurations and investigated NFS shared storage.
Troubleshoot host connectivity and storage-integration issues using Linux administration fundamentals.

Intern · STB Bank August 2024 · 4 weeks
Completed a four-week internship in a banking environment, observing front-office operations and the role of IT in banking workflows.

SELECTED PROJECTS

CloudSec — Azure Cloud Security Posture Management GitHub
Personal cloud security project · Python · FastAPI · pytest · Microsoft Azure
React · TypeScript · Vite · Tailwind CSS · Recharts · PostgreSQL · Docker & Docker Compose · GitHub Actions
Azure cloud security platform for reviewing cloud resources and detecting common misconfigurations.
Covers public blob access, NSG rules, and role assignments, with a web dashboard for reviewing findings.

Sademni.tn — Freelance Platform GitHub
Academic team project · JavaFX · Maven · Symfony 6.4 · PHP · MySQL
JavaFX desktop application built with Maven.
khademni-web: Symfony 6.4 web application.

Hotel Le Petit Pêcheur — Hotel Website GitHub
Academic project · PHP · PDO · MySQL · XAMPP · MVC
Tunisian hotel website built with PHP MVC and a MySQL database.

EDUCATION

Engineering Degree in Computer Science — Cloud Engineering & Cybersecurity Fourth year · Expected 2028
ESPRIT — Private Higher School of Engineering and Technology, Tunisia
Relevant coursework: cloud computing, cybersecurity, computer networks, Linux, software engineering, databases, system administration.

Baccalaureate in Experimental Sciences 2023
Lycée Marsa Saada, Tunisia

TECHNICAL SKILLS

Cloud & DevOps	Microsoft Azure · Azure CLI · Terraform · Docker & Docker Compose · GitHub Actions · Git/GitHub
Cybersecurity & Systems	Security fundamentals · Cloud security · Misconfiguration assessment · Networking · IP addressing & switching · Kali Linux · Linux (Ubuntu, AlmaLinux, Oracle Linux) · KVM · oVirt · VirtualBox · Windows · macOS
Languages	Python · Java · C · C++ · PHP · JavaScript · TypeScript · SQL
Backend & Data	FastAPI · Node.js · Spring Boot · PHP (PDO) · Symfony · PostgreSQL · MySQL · SQLite · Oracle SQL
Frontend	React.js · Next.js · HTML5 · CSS3 · Tailwind CSS · Vite · Recharts · JavaFX · Qt
Tools	VS Code · IntelliJ IDEA · Maven · pytest · Qt · XAMPP · phpMyAdmin · Oracle SQL Developer

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

Cisco — CCNA (Cisco Certified Network Associate)
Cisco — Introduction to Cybersecurity · 2026

LANGUAGES

Arabic — Native · **French** — Fluent · **English** — Fluent · **German** — A2.2

ACTIVITIES & INTERESTS

IEEE Computational Intelligence Society (CIS) — Member · Interests: books, cinema, music, AI, cybersecurity.