Ayoub Goubraim

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Cybersecurity Engineering Student — Pentesting and E-Payment Specialist
Seeking a 6-month Final-Year Internship starting in **March 2026** in Cybersecurity or FinTech Security

Technical Skills

Languages	Python, C/C++, Java, JavaScript, HTML/CSS, Bash	**Web Pentest**	OWASP Top 10, WSTG/ASVS; Burp Suite, OWASP ZAP, ffuf/gobuster, SQLmap, jwt-tool
Frameworks	Qt, JavaFX, React	**FinTech / E-payment**	EMV, NFC, SEPA, ISO 7816
Systems/DB	Linux/Unix, Windows, PostgreSQL	**Tools**	Git, UML, VSCode
Networking	TCP/IP, SSL/TLS, Wireshark	**Soft Skills**	Teamwork, Rigor, Organization, Autonomy, Communication, Adaptability, Curiosity
Pentesting	Nmap, OWASP, Burp Suite, Metasploit, Hydra, John, SQLmap, Gobuster, Netcat		

Professional Experience

FORVIA (Faurecia) — Interior Systems   Apr. 2025 – Jul. 2025
AI & Data Assistant Intern   *Méru, France*

– Designed and integrated AI agents within Microsoft 365 (Copilot Studio).
– Developed a centralized web application for a business glossary.
– Integrated a semantic ontology enabling interoperability and machine readability.

Education

UNICAEN — University of Caen Normandy   2025 – Ongoing
Double Degree — Cybersecurity Specialization   *Caen, France*

– Core courses: biometrics, penetration testing & audit, post-quantum cryptography, forensics, cryptanalysis.

ENSICAEN — National Graduate School of Engineering of Caen   Sept. 2023 – Ongoing
Engineering Degree in Computer Science (Major: E-Payment & Cybersecurity)   *Caen, France*

– Key courses: project management, web development, databases, networks, programming, cybersecurity.

Projects

OWASP Juice Shop — Web Pentest (OWASP Top 10)   Oct. 2025
Reconnaissance, exploitation, evidence, remediation

– Exploited **OWASP Top 10** vulnerabilities (e.g. *SQLi, XSS, IDOR, Auth/Session*) using **Burp Suite** (*Proxy, Repeater, Intruder*) and fuzzing (ffuf/gobuster).

Educational Local Keylogger   Sept. 2025
Python, pynput, encryption (Fernet), SMTP

– Designed an **ethical, educational** local-use tool: timestamped capture, report generation and **encryption**, SMTP sending; cross-platform (Linux/Windows) execution.

Instagram Data Investigation (GDPR-Compliant)   Mar. 2025
Python, JSON parsers, pandas, data visualization — 100% local execution

– Local analysis platform for Instagram archives: JSON parsing → metrics & timelines (messages, interactions), exportable dashboards. *Privacy by design*: minimization, traceability, access/deletion rights.

OS Project: Epidemic Simulator   Jan. – Feb. 2025
C, UNIX multiprocessing (IPC: named pipes, shared memory, POSIX semaphores, threads), SDL2, Gnuplot

– Simulated viral spread in a virtual city using multi-threading and real-time visualization.

Certifications

– **TryHackMe** — Pre Security, Cyber Security 101, Jr Penetration Tester, Web Fundamentals (*Top 4% on the platform*) ↗
– **TryHackMe CTFs** — Regular participation in *Capture The Flag* offensive challenges

Languages & Interests

– French (fluent) • English (TOEIC 850/990) • Arabic (native)
– Football • Travel • Music