

BAGY OUSSAMA

Final-Year Engineering Student — Cybersecurity & Telecommunication Systems

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Final-year Engineering Student in Cybersecurity & Telecommunication Systems at ENSA Marrakech, completed a Cybersecurity Internship at Optipark focused on SOC deployment, security monitoring, and incident detection . Interested in DevSecOps, Cloud Security, AI Security, and Offensive Security.

EXPERIENCE

Cybersecurity Intern (PFA) — Optipark

Jul – Aug 2026

- Designed and deployed an internal SOC (Security Operations Center) delivering security monitoring, incident detection, and automated alerting
- Performed vulnerability assessment and CVE research; produced technical reports supporting internal SOC preparation

Cybersecurity Intern — ABSEC

Jul – Aug 2025

- Built a GitLab CI/CD pipeline with automated SAST/DAST scanning and AI-assisted vulnerability detection at commit stage
- Automated application security reporting, improving the security posture of the SDLC

PROJECTS

► Next-Generation DevSecOps Platform — github.com/bgoussama/next-gen-devsecops

- Automated CI/CD pipelines with Jenkins and provisioned infrastructure with Terraform on AWS
- Integrated SonarQube security gates and Prometheus/Grafana monitoring into the pipeline

► Cyber Chaos Arena — Self-Healing HoneyNet — github.com/bgoussama/SOC-Self-Healing-HoneyNet

- Designed a centralized SOC architecture on GNS3 with Wazuh, TheHive, Cortex, and Shuffle (SOAR)
- Deployed an OPNsense firewall against simulated Kali Linux attacks; built automated detection rules and response playbooks

► TLS Posture Analyzer — github.com/bgoussama/TLS-Posture-Analyzer

- Built an Android tool to assess TLS configuration, Network Security Config, and certificate validation
- Identified common misconfigurations in mobile application TLS trust chains

TECHNICAL SKILLS

Cybersecurity: Wazuh, TheHive, Cortex, Burp Suite, Metasploit, Kali Linux

DevSecOps: GitLab CI/CD, Jenkins, Docker, Kubernetes, Terraform, SonarQube, Trivy

Programming: Python, Java, Bash, SQL, React, FastAPI

Infrastructure: Linux, Windows Server, Active Directory, VMware ESXi, Prometheus, Grafana

Networking & Cloud: VLAN, VPN, IDS, pfSense, OPNsense, AWS

EDUCATION

École Nationale des Sciences Appliquées de Marrakech (ENSA Marrakech)

Engineering Degree in Cybersecurity & Telecommunication Systems | 2022 – 2027

CERTIFICATIONS

Security Engineer (TryHackMe) | Cisco – Introduction to Cybersecurity | ISC2 – Security Principles (CC)

TryHackMe – Cyber Security 101 | TryHackMe – Pre Security (Legacy) | ISC2 – Certified in Cybersecurity (CC)

LANGUAGES

Arabic – Native | English – B2 | French – B2