

Marouane ES-SAID

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EDUCATION

University of Wollongong, Dubai. MSc in Cybersecurity

- **Coursework:** Advanced Network Security, Encryption.

Sept 2025 – Exp Grad: 2026

Al Akhawayn University, Ifrane, Morocco, BS in Computer Science

- Exchange semester at **Monroe University**, New York, USA

Sept 2021 – May 2025

EXPERIENCE

Secure Software Engineering Intern, Bank Crédit du Maroc – Casablanca

Jan 2024 – Sep 2024

- Optimized secure banking transactions by improving fund authorization, balance updates, and API performance
- Applied **NIST and OWASP security standards** to structure detection rules, reporting, & incident documentation
- Implemented secure API validation, authentication, and access controls in a banking environment to protect transactional data and prevent unauthorized access

Full Stack Developer Intern (Secure Application Design), OCP Group – Khouribga

May 2023 – Sep 2023

- Built and improved a **JavaFX & Spring** full-stack desktop application with access control
- Strengthened database security by optimizing SQL queries and reducing injection risks by 20%
- Practiced Agile teamwork using **Git, Postman, and Jira**

Software Engineering Tutor, Al Akhawayn University – Ifrane

Sep 2022 – May 2025

- Instructed undergraduate students in core computer science courses, including Algorithms, OOP, & Databases
- Mentored students in Java, Python, and C, enhancing their coding proficiency and debugging skills

PROJECTS

Cloud Security & Threat Hunting Lab

Jan 2025 – May 2025

- Designed a **SOC-style multi-cloud security monitoring environment (AWS + Azure) using ELK and Wazuh**
- Developed **MITRE ATTCK-aligned detection rules** & automated real-time security alerts
- Conducted adversary simulations and produced dashboards/reports to enhance situational awareness and decision-making

Ethical Hacking & Penetration Testing - Monroe Uni, New York, USA

Jan 2024 – Apr 2024

- Performed structured **vulnerability assessments** and **penetration testing** on enterprise systems
- Identified **35+ vulnerabilities** mapped to **OWASP and NIST frameworks**
- Delivered executive-ready security reports that reduced attack surface by 40%

TECHNICAL SKILLS

Languages/Frameworks: Java, Python, JavaScript/HTML/CSS, C/C++, HTML/CSS, SQL, Selenium, Pandas, NumPy, React, Cypress, PyQt6, Spring Boot.

Security & Networking : SIEM (ELK, Wazuh), Threat Hunting, Incident Detection, Vulnerability Assessment, MITRE ATTCK, OWASP, NIST, API Security, Network Security (CCNA Level)

Soft/Professional Skills : Problem Solving, Team Collaboration, Attention to detail, Data Accuracy.

Spoken Languages : Arabic(Native), English(Professional proficiency), French(Professional proficiency).

Certifications : UCertify: Certified Ethical Hacker (CEH). Cisco: CCNA. ISC²: CISSP (In Progress). CompTIA: Security+(In progress)..

Google: Google Cloud DevOps Fundamentals. **IBM:** CI/CD, Intro to Containers, Docker, Kubernetes & OpenShift. (currently learning about GDPR, and ISO 27001)