

# Marouane ES-SAID

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## EDUCATION

- University of Wollongong**, Dubai. MSc in Cybersecurity Sept 2025 – Exp Grad: 2026  
• **Coursework:** Advanced Network Security, Encryption.
- Al Akhawayn University**, Ifrane, Morocco, BS in Computer Science Sept 2021 – May 2025  
• **Exchange** semester at **Monroe University**, New York, USA

## 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)