Elena Rodriguez

Barcelona, Spain

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Education

Universitat Politècnica de Catalunya (UPC)

Master of Science in Artificial Intelligence

Sep 2020 – Jul 2022 | Barcelona, Spain

GPA: 9.7/10.0

Activities: AI Research Assistant, Barcelona AI Meetup Organizer, Mentor for Women in STEM program

Relevant Coursework: Deep Learning, Computer Vision, Natural Language Processing, Reinforcement Learning, Statistical Learning, Big Data Analytics, Neural Networks, Robotics

Bachelor's Degree: B.Sc. in Computer Science, United Arab Emirates University, GPA: 3.9/4.0

Work Experience

Cybersecurity Analyst | Abu Dhabi National Oil Company (ADNOC) | Jun 2021 - Present | Abu Dhabi, UAE

- Led security operations team monitoring critical infrastructure systems, preventing 50+ potential breaches.
- Implemented zero-trust architecture for industrial control systems, significantly reducing attack surface.
- Conducted red team exercises and penetration testing for oil and gas facilities' networks.
- Developed security incident response playbooks and led cross-functional teams during security incidents.

Skills

Security: Penetration Testing, Vulnerability Assessment, Network Security, Endpoint Security, Cloud Security

Tools: Kali Linux, Metasploit, Wireshark, Nessus, Splunk, QRadar, Carbon Black,

CrowdStrike

Programming: Python, Bash, PowerShell, Go, Ruby

Compliance: ISO 27001, NIST, IEC 62443, NERC CIP

Cyber Defense: SIEM, EDR, IDS/IPS, Threat Hunting, Incident Response

Forensics: Memory Forensics, Disk Forensics, Network Forensics, Mobile Forensics

Other: OT/ICS Security, SCADA Security, Threat Intelligence, Malware Analysis, Security Architecture

Certificates

Certified Information Systems Security Professional (CISSP)

GIAC Certified Incident Handler (GCIH)

Certified Ethical Hacker (CEH)

Offensive Security Certified Professional (OSCP)

Awards

Top Security Professional – UAE Cybersecurity Awards 2023

Best Security Research Paper – Gulf Information Security Expo & Conference 2022

Middle East Regional Winner – Global Cybersecurity Competition 2021