

**Omar Djebouri**

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## **Skills**

- **Technical Skills:** Python (Scikit-learn, Pandas, NumPy), R, SIEM (Security Information and Event Management), IDS/IPS (Intrusion Detection/Prevention Systems), SOAR (Security Orchestration, Automation, and Response), Linux (Ubuntu, Kali), Network Security (Firewalls, VPNs, Network Segmentation)
- **Data Analysis:** Data Cleaning, Feature Engineering, Exploratory Data Analysis (EDA)
- **Data Visualization:** Tableau, Power BI
- **Communication:** Excellent written and verbal communication skills

## **Experience**

### **Algerian National Bank (Oran, Algeria) | Cybersecurity Data Scientist (2021 - Present)**

- Developed and deployed a machine learning model for anomaly detection, resulting in a 20% reduction in fraudulent financial transactions.
- Built and implemented an intrusion detection system (IDS) to identify and prevent network attacks in real-time.
- Analyzed security logs to pinpoint suspicious activity and investigate potential security incidents.
- Collaborated with security analysts and incident response teams to effectively mitigate threats.
- Created interactive dashboards to visualize key security metrics, facilitating informed decision-making by stakeholders.
- Conducted ongoing research on emerging cyber threats and vulnerabilities to stay ahead of evolving security challenges.

### **Algerian Energy Company (Algiers, Algeria) | Security Analyst (2018 - 2021)**

- Performed vulnerability assessments and penetration testing to identify and remediate security weaknesses.
- Implemented robust security controls and best practices to improve the organization's overall security posture.
- Supported incident response activities by providing technical expertise and assisting with investigations.

## **Education**

- Master of Science in Information Security (University of Science and Technology Houari Boumediene (USTHB), Algiers, Algeria, 2021)
- Bachelor of Science in Computer Science (University of Oran, Oran, Algeria, 2018)