Fatima Al-Zahra

Cybersecurity Data Analyst

Email: fatima.alzahra@email.com

Location: Dubai, UAE

Experience: 3 years

Professional Summary

Cybersecurity analyst with 3 years experience using data analytics and machine learning for threat detection. Expert in Python, security tools, and statistical analysis.

Professional Experience

Senior Cybersecurity Data Analyst | Financial Services | 2023 - Present

- Built anomaly detection system using Python and machine learning identifying 95% of security threats

- Developed threat intelligence dashboard using SQL and Python for real-time security monitoring

- Led security analytics project reducing false positive alerts by 60%

Cybersecurity Analyst | Government Agency | 2022 - 2023

- Analyzed network traffic data using Python and statistical methods to identify cyber attacks

- Built automated incident response system using Python scripting and security APIs

- Implemented log analysis pipeline processing 100GB+ daily security event data

Junior Security Analyst | Consulting Firm | 2021 - 2022

- Performed security assessments using penetration testing tools and data analysis

- Learned cybersecurity fundamentals and threat hunting techniques

- Developed Python scripts for automating security analysis tasks

Technical Skills

- **Security:** 3 years Cybersecurity, 2 years Threat Detection, 1 year Penetration Testing

- **Analytics:** 3 years Python, 2 years SQL, 2 years Data Analysis, 1 year Machine Learning

- **Tools:** 2 years Security Information and Event Management (SIEM), 1 year Network Security

Certifications

- **Certified Information Security Analyst (CISA)**
- **CompTIA Security+**
- **Python for Cybersecurity Certification**

Education

M.S. Cybersecurity | American University of Dubai | 2021
B.S. Computer Science | United Arab Emirates University | 2019