

MOHAMMAD YASSIN

Cyber Security Analyst/Data Scientist

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ABOUT ME

Cyber security and information security professional. I have over than 6 years progressive experience in the Networking/Administration domain and 3+ years experience in the Cyber Security field. I have a deep understanding of security vulnerabilities and their corresponding attack vectors and how to remediate them. I am able to work as Tier1/Tier2 in an SOC environment. In the data science domain, I have skills and experience in training and applying customized ML models and systems, with feature engineering using the python data science toolkit.

SKILLS

- **ESSENTIAL SKILLS:** Team building - Communication skills - Problem Solving
- **TECHNICAL SKILLS:** Excellent knowledge in networking(deploying and troubleshooting) and system administration. Knowledge in virtualization and containerization.
- **CYBER SPACE SKILLS:** Digital forensics and incident response, threat research, penetration testing/Kali-Linux, python/bash scripting, reverse engineering, risk management, packet reading, social engineering, web applications pen-testing.
Log/Traffic Auditing, best practices assurance, Regulatory Compliance, NIST Frameworks, ISO 27001
- **AI/Machine Learning:** ML Classifiers construction(python), Data Visualization, Data Science, Data Mining, Knowledge in AI Algorithms/Methods, Feature Engineering, Python ML and Data-Science Libraries(pandas - matplotlib - numpy - sklearn ...).
- **CODING KNOWLEDGE:** Python2&3, Bash, Powershell, C++, HTML, PHP, JS, SQL, Assembly.
- **LANGUAGES:** English(Fluent), Arabic(Native), Basic knowledge in German.

EXPERIENCE:

NOW -- Research Uskudar University

- Researching on IDS and their anomaly detection methods using AI techniques.
- Constructing a new machine learning algorithm for anomaly detection (Python3).
- Trying several feature selection algorithms to speed up the model.
- Proposing a new IDS model.
- Machine Learning Python coding

2013 ==> 2022 --- Network and System Admin. at STUDIO YASSIN

- Installation and updating of anti-malware software.
- Malware analyzing and detection.
- Network and file server administration and maintenance.
- Daily security checking tasks.
- CCTV cameras configuration and maintenance. (HikVision)
- Virtual machines installation and maintenance.
- Selling cameras, and some IT equipment.

June 2021 ==> September 2021---Internship in SIEM architect at Unicloud

- Mikrotik router configuration(VLAN-Firewall)
- Configuration of virtual machines on ESXI
- Deployment and Configuration of SIEM ELK stack (Elasticsearch - Logstash - Kibana)
- Documentation and reporting.

EDUCATION

- 2015 - 2019 • **Bachelors of Science in Communication Engineering -- Lebanese International University**

Courses: Networking, Embedded systems, Computer Organization, Signals and Systems, Microprocessors and Microcontrollers, Linux OS, Digital Logic, Analog Communication Systems, Electromagnetic Fields and Waves, DataBase Systems, Web Programming, MobileApp Development, Software Applications and Design.

SeniorProject: IOT Gas Detection and Alarm System on RaspBerry-Pi

- 2020 - 2022 • **Masters of Science in Cyber Security -- Uskudar University -- GPA=3.8/4**

Courses: Penetration Testing with Kali Linux, Linux Essentials for Cyber Security, Malware Analysis and Detection, Cryptography and Advanced Cryptography, Network Security, Cyber Systems, Application Security, AI in Cyber Security.

Thesis: IDS Anomaly Detection and Misuse Detection with Novel Feature Selection Algorithm.

TRAINING AND CERTIFICATIONS

- 2014

CCNA Routing and Switching

- 2014

Academic IELTS 7/9

- 2022

Jr. Penetration Tester (TryHackMe) -- **Certificate**

- **To Do:**

OSCP PenTesting with Kali-Linux

INTERESTS

- **Body Language**
- **Reading**
- **Kali Linux / CTF Competitions**
- **5G NR**
- **AI**
- **Quantum Comuting**