

PERSONAL INFORMATION

Rana Maali

 Amman, Jordan

 r.maali@psut.edu.jo

Sex Female | Date of birth 11/04/2000 Nationality Jordanian

EDUCATION AND TRAINING

September 2024 – September 2025

MSc Cybersecurity and Machine Learning

Cybersecurity and Machine Learning at the University of Aberdeen.

- Develops and deploys machine-learning models-supervised, unsupervised, and deep learning- to detect anomalies, malware, and advanced persistent threats in real time.
- Engineers secure data pipelines, applying differential privacy, and federated learning to protect sensitive training data.
- Combines threat-intelligence analysis with statistical inference.

September 2019 – June 2024

NIS Engineering

Networks and Information Security Engineering graduate from Princess Sumaya University for Technology.

- Design and employ resilient wired, wireless, and cloud-based networks.
- Optimizing systems through hands-on penetration testing, ethical hacking, and secure configuration of firewalls and IDS/IPS.
- Implements and troubleshoots cryptographic protocols to safeguard data in transit and at rest.
- Conduct risk assessments, digital forensics, and incident-response planning to detect and contain attacks.

October 2023

COBIT 2019

Successfully completed the examination for the certificate conducted by ISACA.

- Align IT goals with strategic business objectives
- IT and business governance and security

July 2023 – September 2023

Intern at Seniors Information Technology Co

Completed 320 hours of training as a Pre-Sale Engineer.

- Conducted Risk Assessment on potential clients.
- Completed all the training required by the company's partners, such as Palo Alto Networks, Kaspersky, Trellix.

June 2022 – October 2022

CCNA 200-301

Completed the course given by the CISCO academy at Princess Sumaya University For Technology

- Introduction to Networks
- Switching, Routing, and Wireless Essentials
- Enterprise Networking, Security, and Automation

November 2020 – January 2021

Cyber Security Training – Intermediate Level

Completed course given at Princess Sumaya University For Technology by Prof. Ali Al-Haj

- Advanced look into Kali Linux operator and tools (Wireshark, Burp Suite)
- Advanced Systems Exploitation (Buffer OverFlow, LibraryC attack)
- Permissions and privilege escalations

PERSONAL SKILLS

Communication Skills

- Good communication skills gained through charity and community work as a member of the Community Service office at PSUT.
- Clarity and adaptability when facing different audiences gained as a presale engineer trainee.
- Participating in regional and global CTF competitions enhanced my technical problem-solving, teamwork, and adaptability skills in high-pressure environments.

Organisational / Managerial Skills

- Organization and management skills acquired as the Cyber Security Club's Vice President in PSUT
- Working on a year-long project with colleagues sharpens skills in project planning, team coordination, task delegation, conflict resolution, resource management, and progress monitoring, essential for effective organizational and managerial roles.

Technical Skills

- Machine Learning & AI:
Model building (XGBoost, LightGBM, KNN), data preprocessing, feature engineering, computer vision (CNN), recommender systems, Natural Language Generation
- Cybersecurity & Digital Forensics:
Network security, threat analysis, ethical hacking (Kali Linux, Metasploit), incident response, digital forensics (Autopsy, Wireshark)
- Programming Languages:
Python, Shell Scripting, C++, C, Solidity, Assembly.

Accomplishments

Projects

- AI-Driven Security Threat Detection
- Predicting Situation Awareness Scores in Conditionally Automated Driving
- AI Cyberbullying Detection Tool for X Social Network
- Smart White Cane, using PIC16F877A (detects distances and alert the user accordingly)

Honours and Awards

- **PSUT Honour List** 2019-2022

Memberships

- ISACA

Certifications

- CCNA 200-301 certificate of course completion
- COBIT 2019
- Palo Alto Networks Systems Engineer (PSE): Strata Associate
- Certified Professional: Kaspersky Threat Intelligence Presales
- Trellix Certified Architect: Endpoint Detection and Response