

Date: 5/5/2025

CURRICULUM VITAE

PERSONAL INFORMATION

Faculty Member Name: Ola Majed Ahmad Malkawi
Academic Rank: Assistant Professor
College: Information Technology
Department: Cybersecurity
Nationality: Jordanian
Address: Jordan-Amman
Phone No: 00962795585982
E-mail: o.malkawi@aaau.edu.jo

ACADEMIC QUALIFICATIONS

Degrees with fields, institution, and date

- B.S. in computer science, University of Jordan, 2004.
- M.Sc. in computer science, University of Jordan, 2016.
- Ph.D. in computer science, University of Jordan, 2023.

Dissertation title: (Using Machine Learning to Design and Implement An Intrusion Detection System to secure Smart Cities Based on Feature Selection)

ACADEMIC EXPERIENCE

- Duration: 2023-2024
- University: Applied Science University
- Academic Rank: Assistant Professor
- College: Information Technology
- Country: Jordan
- Duration: 2024-2025
- University: Amman Arab University
- Academic Rank: Assistant Professor
- College: Information Technology
- Country: Jordan

NON-ACADEMIC EXPERIENCE

CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS

-
-

CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

-
-

HONORS AND AWARDS

SERVICE ACTIVITIES

-
-

THE MOST IMPORTANT PUBLICATIONS IN LAST FIVE YEARS

- Ola Malkawi and Mohammad Obeidat "Mitigating the Effect of Blackhole Attack on MANETs Using AODV Protocol Under Transmission Control Protocol".
(Published in Ad hoc and wireless Sensor Networks, 2018)
- Wesam Almobaideen and Ola Malkawi "Application Based Caching in Fog Computing to Improve Quality of Service"
(Published in Fifth International Conference on Fog and Mobile Edge Computing (FMEC), IEEE, 2022).
- Ola Malkawi, Nadim Obeid and Wesam Almobaideen, "Toward an Ontological Cyberattack Framework to Secure Smart Cities with Machine Learning Support"
(Published in the International Journal of Advanced Computer Science Application, 2022)
- Ola Malkawi, Nadim Obeid and Wesam Almobaideen "Intrusion Detection System for 5G Device-to-Device Communication Technology in Internet of Things" . (Published in Informatica, 2024)

INSTITUTIONAL PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS

-
-

RESEARCH LINK (Scopus and Google Scholar)

- <https://scholar.google.com/citations?user=NqeOdfsAAAAJ&hl=en>
- [Malkawi, Ola - Author details - Scopus Preview](#)
-

LANGUAGES

- Arabic
- English