

Date: 30-4-2025

CURRICULUM VITAE



PERSONAL INFORMATION

Faculty Member Name: Mariam Kamal Al-ghamri
Academic Rank: lecturer
College: information technology
Department: Cybersecurity
Nationality: Palestinian
Address: Jordan Street - Royal Hospital
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ACADEMIC QUALIFICATIONS

- B.S. in Mobile Computing, Amman Arab University, 2017-2021.
 - M.Sc. in Computer science, Amman Arab University, 2021-2023.
- Project / theses title: **An Enhanced Model of Whale Optimization Algorithm and K-nearest Neighbors for Malware Detection.**

ACADEMIC EXPERIENCE

- Duration: 1-10-2024, till now
- University: Amman Arab University
- Academic Rank: lecturer
- Date the rank was granted: 1-10-2024
- The body granting the rank: Amman Arab University
- College: information technology
- Country: Jordan

- Duration: 15-10-2021 -1-10-2024
- University: Amman Arab University
- Academic Rank: Laboratory Supervisor
- Date the rank was granted: 15-10-2021

دائرة الموارد البشرية
Human Resources Department

- The body granting the rank: Amman Arab University
- College: information technology
- Country: Jordan

- Duration: 25-8-2021 - 14-10-2021
- School: California School
- Academic Rank: instructor
- Date the rank was granted: 25-8-2021
- Country: Jordan

NON-ACADEMIC EXPERIENCE

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CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS

- Introduction to Python Programming.
- Introduction to Cybersecurity.
- Ethical Hacking.
- ICDL Trainer Certification.
- Participation in the 4th International Computer Sciences and Informatics Conference (ICSIC 2022).
- Contribution to the university's quality assurance certification for the College of Computer and Information Sciences.
- Training Workshop: Penetration Tester.

CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- Member of the committee IEEE

HONORS AND AWARDS

- Get the best research paper in the conference (ICSIC 2024)
- First-class graduate, ranked 1st in Master's degree

SERVICE ACTIVITIES

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THE MOST IMPORTANT PUBLICATIONS IN LAST FIVE YEARS

▪ **Title of the Paper:** Whale Optimization Algorithm for Feature Selection Enhances Classification in Malware Datasets

Authors: Mariam Al Ghamri, Dyala Ibrahim, Rami Sihwail, Mohammad Shehab

Publisher: *Journal of Computational and Cognitive Engineering*

Year of Publication: 2024

▪ **Title of the Paper:** An Enhanced Model of Whale Optimization Algorithm and K-nearest Neighbors for Malware Detection

Authors: Rami Sihwail, Mariam Al Ghamri, Dyala Ibrahim

Publisher: *International Journal of Intelligent Engineering & Systems*

Year of Publication: 2024

▪ **Title of the Paper:** A Review on Metaverse: Security and Privacy

Authors: Rami Sihwail, Dyala Ibrahim, Mariam Al Ghamri, We'Am Talafha

Publisher: *ICSIC 2024 Conference*

Year of Publication: 2024

▪ **Title of the Paper:** Hill Climbing Algorithm with Honey Badger Algorithm for Global Numerical Optimization

Authors: Mohammad Shehab, Yousef Al-Ghzawi, Mariam Al Ghamri, Mohammed Al-Husainy, Randa Al-Wadi

Publisher: *ICSIC 2024 Conference*

Year of Publication: 2024

▪ **Title of the Paper:** Enhancing Intrusion Detection in Wireless Sensor Networks with Sperm Swarm Optimization Algorithm

Authors: Mohammad Shehab, Ghaith Jaradat, Bahaa Almasri, Sharaf Alzoubi, Mariam Al Ghamri

Publisher: *ICSIC 2024 Conference*

Year of Publication: 2024

دائرة الموارد البشرية
Human Resources Department

▪ **Title of the Paper:** Detecting Malicious DNS Queries in Covert Tunnels Using Recursive Harmony Search
Authors: Lial Alzabin, Faisal Alanazi, Omar Al-Tarawneh, Mejhem Al-Tarawneh, Mariam Al Ghamri, Dyala Ibrahim
Publisher: *ICSIC 2024 Conference*
Year of Publication: 2024

▪ **Title of the Paper:** A Review of Analyses of Cloud Computing Defenses Against Distributed Denial-of-Service (DDoS) Flood Attacks
Authors: Mejhem Altarawneh, Omar Altarawneh, Moath Altarawneh, Lial Alzabin, Serein Al-Ratrout, Mariam Al Ghamri
Publisher: *ICSIC 2024 Conference*
Year of Publication: 2024

▪ **Title of the Paper:** Review of the Impact of Organizational and Human Factors on Cyber Security Risk Management
Authors: Maisoon Abo-Murad, Suha Altaieb, Raed Alzoubi, Baker Shnekat, Mariam Al Ghamri
Publisher: *ICSIC 2024 Conference*
Year of Publication: 2024

INSTITUTIONAL PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS

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RESEARCH LINK (Scopus and Google Scholar)

- <https://scholar.google.com/citations?user=li3hbD4AAAAJ&hl=en>
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LANGUAGES

- Arabic
- English