Date: 13/04/2025

CURRICULUM VITAE

PERSONAL INFORMATION

Faculty Member Name: Mais Ahmad Yousef Haj Qasem
Academic Rank: Assistant Professor
College: College of Information Technology
Department: Data Science and Artificial Intelligence
Nationality: Jordanian
Address: Amman, Jordan
E-mail: m.hajqasem@aau.edu.jio

ACADEMIC QUALIFICATIONS

- B.S. in Computer Science, University of Jordan, 2011.
  Project: 3D Game on Maya and Unity program

- M.Sc. in Computer Science, University of Jordan, 2016.
  Theses title: Data Mining Approach for Commercial Data Classification and Migration in Hybrid Storage System

- Ph.D. in in Computer Science, University of Jordan, 2020.
  Dissertation title: Multi-Agent System for Mutual collaboration Classification

ACADEMIC EXPERIENCE

- **Duration:** 02/2025
- **University:** Amman Arab University
- **Academic Rank:** Assistant Professor
- **Date the rank was granted:** 02/2023
- **The body granting the rank:** Zarqa University
- **College:** College of Information Technology
- **Country:** Jordan

NON-ACADEMIC EXPERIENCE

- **Duration:** 02/2023 – 07/2025
- **Institution:** Zarqa University
- **Department:** Data Science and Artificial Intelligence

- **Country:** Jordan

CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS
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CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS
-
-

HONORS AND AWARDS
- None

SERVICE ACTIVITIES
-
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THE MOST IMPORTANT PUBLICATIONS IN LAST FIVE YEARS

1. **Intelligent Edge: The Intersection of Artificial Intelligence and Digital Communication— A Survey**, Artificial Intelligence and Economic Sustainability in the Era of Industrial Revolution 5.0, 2024 , (Ghassan Samara, Essam Al Daoud, Raed Alazaidah, Mais Haj Qasem, Mohammad Aljaidi, Mazen Alzyoud & Halah Nasseif).

2. **Diagnosing diabetes mellitus using machine learning techniques**, International Journal of Data and Network Science, 2024 (Mazen Alzyoud, Raed Alazaidah, Mohammad Aljaidi, Ghassan Samara, M Qasem, Muhammad Khalid, Najah Al-Shanableh).

3. **Potential of Machine Learning for Predicting Sleep Disorders: A Comprehensive Analysis of Regression and Classification Models**, Diagnostics, 2023 (Raed Alazaidah, Ghassan Samara, Mohammad Aljaidi, Mais Haj Qasem, Ayoub Alsarhan, Mohammed Alshammari).

4. **Optimizing Road Safety through Intelligent Congestion Management**, 2023 24th International Arab Conference on Information Technology (ACIT), 2023, (Ghassan Samara, Alaa Elhilo, Mahmoud Rajallah Asassfeh, MohammadNoor Injadat, Mais Haj Qasem, Raed Alazaidah, Mohammad Aljaidi, Nabeel Al-Milli, Adnan A Hnaif).

5. **Internal Hidden Processing Model-Based for SELECT Command in Structured Query Language**, 2023 24th International Arab Conference on Information Technology (ACIT), 2023, (Hasan Idhaim, Mohammad Aljaidi, Ghassan Samara, Mais Haj Qasem, Ayoub Alsarhan, Muhammad Khalid).

6. **Feature Selection in Associative Classification-A Review and Comparative Analysis**, 2023 24th International Arab Conference on Information Technology (ACIT), 2023, (Raed Alazaidah, Ahmad Al-qerem, Mais Haj Qasem, Nabeel Almilli, MohammadNoor Injadat).

7. **A Comprehensive Review of Machine Learning-Based Intrusion Detection Techniques for IoT Networks**, Springer Nature Switzerland, 2023 (Ghassan Samara, Mohammad Aljaidi, Raed Alazaidah, Mais Haj Qasem, Mohammad Hassan, Nabeel Al-Milli, Mohammad S Al-Batah, Mohammad Kanan).

8. **Semantic Image Segmentation Using a Hybrid Genetic–Cuckoo Search Algorithm**, Advances in Systems Science and Applications, 2023 (Alaa Abu Srhan, Mais Haj Qasem, Hutaf Natoureah, Aayat Shdaifat).

9. **An Intelligent Decision Support System Based on Multi Agent Systems for Business Classification Problem**, Sustainability. 2023 (Mais Haj Qasem, Mohammad Aljaidi, Ghassan Samara, Raed Alazaidah, Ayoub Alsarhan, Mohammed Alshammari).

10. **Multi-agent Systems for Distributed Data Mining Techniques: An Overview**, Big Data Intelligence for Smart Applications, 2021, (Mais Haj Qasem, Nadim Obeid, Amjad Hudaib, Mohammed Amin Almaiah, Omar Almomani)

11. **Multi-Agent System Combined with Distributed Data Mining for Mutual Collaboration Classification,** IEEE Access, 2021, (Mais Haj Qasem, Nadim Obeid, Amjad Hudaib, Mohammed Amin Almaiah, Ali Al-Zahrani, Ahmad Al-Khasawneh)

12. **Best Path in Mountain Environment based on Parallel Hill Climbing Algorithm,** International Journal of Advanced Computer Science and Applications, 2020, (Raja Masadeh, Ahmad Sharieh, Sanad Jamal, Mais Haj Qasem, Bayan Alsaaidah)

13. **Multiagent System for Mutual Collaboration Classification for Cancer Detection**, Hindawi- Mathematical Problems in Engineering Journal, 2019, (Mais Haj Qasem, Amjad Hudaib, Nadim Obeid).

14. **Security of Data Access in Fog Computing using Location-based Authentication**, International Journal of Advanced Trends in Computer Science and Engineering, 2020, (Ahmad Al hwatat, Mais Haj Qasem)

15. **A Survey on Li Fi Technology and Internet of Things (IOT),** International Journal of Advanced Trends in Computer Science and Engineering, 2020, (Ahmad Al hwatat, Mais Haj Qasem)

INSTITUTIONAL PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS
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RESEARCH LINK (Scopus and Google Scholar)
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LANGUAGES
- Arabic

- English