Date:2025-04-13

CURRICULUM VITAE

PERSONAL INFORMATION

Faculty Member Name: Malik Mustafa Mohammad Jawarneh
Academic Rank: Associate Professor
College: Information Technology
Department: Computer Science
Nationality: Jordanian
Address: As-Salt/Jordan
Phone No: 0770204200
E-mail: M.Jawarnewh@aau.edu.jo

ACADEMIC QUALIFICATIONS

Degrees with fields, institution, and date

- B.S. Computer Science, Al-Albayt University, 2006.
- M.Sc. in Information Technology, Northern University of Malaysia, 2008.

Project / theses title: Web-Based Patient Medical Record History

- Ph.D. in Information Science, National University of Malaysia, 2016.

Dissertation title: Vibratory Haptic Interface in 3D Virtual Environment for Autistic Children

ACADEMIC EXPERIENCE

- Duration:09/2024- Present
- University: Amman Arab University
- Academic Rank: Associate Professor
- Date the rank was granted: July/2022
- The body granting the rank: Gulf College
- College: Information Technology
- Country: Jordan

- Duration:09/2023- 08/2024
- University: Oman College of Management and Technology
- Academic Rank: Associate Professor

- College: Computer Science and Management Information System (CS&MIS)
- Country: Oman
- Duration:07/2022- 08/2023
- University: Gulf College
- Academic Rank: Associate Professor
- College: Computing Sciences
- Country: Oman

- Duration:03/2018- 08/2022
- University: Gulf College
- Academic Rank: Associate Professor
- College: Computing Sciences
- Country: Oman

- Duration:03/2018- 08/2022
- University: Gulf College
- Academic Rank: Associate Professor
- College: Computing Sciences
- Country: Oman

- 09/2016 – 07/2017
- University: Al-Madinah International University
- Academic Rank: Assistant Professor
- Faculty: Computer and Information Technology
- Country: Malaysia

- 02/2013 – 08/2016
- University: Al-Madinah International University
- Academic Rank: Lecturer
- Faculty: Computer and Information Technology
- Country: Malaysia

NON-ACADEMIC EXPERIENCE

- Duration: 2 Years
- Organization: SmartTech Analysis
- Department: Systems Analysis Department
- Country: Jordan

CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS

- International Computer Driving License (ICDL) – Professional Level
- Certified Trainer – Canadian Training Center of Human Development (CTCHD)
- Training of Trainers (T.O.T) Certificate
- Project Management Certification

CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- Reviewer in Sensors Journal (Q1)
- Reviewer in Computers, Materials & Continua Journal (Q2)
- Reviewer in Journal of Information Security
- Editor at Institute of Industry and Academic Research Incorporated (IIARI)
- Member of International Association of Engineers (IAENG)
- Member of Institute For Engineering Research and Publication (IFERP)
- Associate Member of International Society for Development and Sustainability (ISDS)

HONORS AND AWARDS

- Best Researcher Award – Gulf College, 2023
- Certificate of Excellence in Reviewing – Asian Journal of Economics, Business and Accounting, 2023
- Outstanding Reviewer Award – Institute of Industry and Academic Research Incorporated, 2022
- Publication Award – Gulf College, 2022
- Publication Award – IRE Journals, 2022
- Certificate of Appreciation – International Journal of Science, Technology, Engineering and Mathematics, 2022
- Ph.D. Scholarship – National University of Malaysia, 2016

SERVICE ACTIVITIES

- Membership in Academic Committees
- Active member in various committees such as Vision and Mission Committee, Research Activities Committee, Student Affairs Committee, Student Admission Committee, and Graduation Projects Review Committee.
- Training and Workshops
- Conducting training workshops for faculty members and students in several areas such as MS Teams, Moodle, SPSS, Turnitin, exam preparation, grading, and academic advising.
- External reviewer for undergraduate programs, external examiner for final exams, and research and project reviewer with The Research Council (TRC) in the Sultanate of Oman.
- Research Paper Reviewing
- Reviewer in international scientific journals such as: Sensors, Computers, Materials & Continua, Computer Systems Science and Engineering, and Journal of Information Security.
- Voluntary Work and Community Services
- Providing training activities for students on topics such as career readiness, presentation skills, assignment submission, and supporting the use of e-learning systems.

THE MOST IMPORTANT PUBLICATIONS IN LAST FIVE YEARS

1. IM, A. M., LAZAM, N. A. B. M., **JAWARNEH**, S., HILLES, M., & ALTRAD, A. (2025). EFFICIENT MRI SEGMENTATION OF SPINE HEMANGIOMAS: A NOVEL MODIFIED U-NET APPROACH TO ENHANCE TUMOR BOUNDARY DETECTION. Journal of Theoretical and Applied Information Technology, 103.(6)

2. R. S. Cordova, R. L. R. Maata, M. **Jawarneh**, M. I. Alshar'e, and O. C. Agustin, "Accurate prediction of chronic diseases using deep learning algorithms," IAES International Journal of Artificial Intelligence (IJ-AI), vol. 14, no. 1, pp. 570-583, Feb. 2025, doi: 10.11591/ijai.v14.i1.pp570-583.

3. S. T. Mrudula, Meenakshi, M. Ritonga, S. Sivakumar, M. **Jawarneh**, S. F. Sammy, T. Keerthika, K. P. Rane, and B. Roy, "Internet of things and optimized KNN based intelligent transportation system for traffic flow prediction in smart cities," Measurement: Sensors, vol. 35, p. 101297, 2024, doi: 10.1016/j.measen.2024.101297.

4. M. Alshar'e, S. Alzoubi, A. Al-Haraizah, H. A. Alkhazaleh, M. **Jawarneh**, and M. R. Al Nasar, "Elliptic curve cryptography based light weight technique for information security," Bulletin of Electrical Engineering and Informatics, vol. 14, no. 3, pp. 1-1x, Jun. 2025, doi: 10.11591/eei.v14i3.8587.

5. M. Pompapathi, S. Khaleelahmed, M. **Jawarneh**, M. Naved, M. Awasthy, S. S. Kumar, B. Omarov, and A. Raghuvanshi, "Effective crop categorization using wavelet transform based optimized long short-term memory technique," Bulletin of Electrical Engineering and Informatics, vol. 14, no. 3, pp. 1-1x, Jun. 2025, doi: 10.11591/eei.v14i3.7748.

INSTITUTIONAL PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS

- Attending the Institutional Strategic Planning Workshop – Gulf College, Sultanate of Oman.
- Conducting training workshops for faculty members on:
    1. Using e-learning systems (MS Teams, Moodle, Turnitin).
    2. Designing and preparing online examinations.
    3. Utilizing statistical analysis tools (SPSS) in scientific research.
- Supervising and actively participating in the preparation of accreditation files for undergraduate and postgraduate programs according to MQA and ABET standards.
- Designing and delivering training programs for students on e-learning skills, presentation preparation, and assignment submission through e-learning systems.
- Participating in the development and implementation of academic quality assurance policies and procedures within the institution.

RESEARCH LINK (Scopus and Google Scholar)

- [Scopus](#)
- [Google Scholar](#)

LANGUAGES

- Arabic
- English