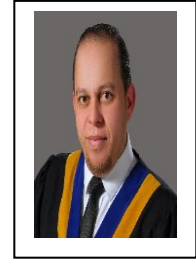


Date: 5/5/2025



CURRICULUM VITAE

PERSONAL INFORMATION

Faculty Member Name: Mohammad Shehab
Academic Rank: Associate Prof. Dr.
College: Information Technology
Department: Computer Science
Nationality: Jordanian
Address: Amman
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ACADEMIC QUALIFICATIONS

Degrees with fields, institution, and date

- B.S. in Software Engineering, Al-Zaytoonah University of Jordan, 2009.
- M.Sc. in Computer Science, Universiti Sains Malaysia, 2014.

Project / theses title: Novel Selection Schemes for Particle Swarm Optimization

- Ph.D. in Computer Science, Universiti Sains Malaysia, 2018.

Dissertation title: Enhanced Cuckoo Search Algorithm with Metaheuristic Components for Extracting the Maxima of the Orientation Distribution Function.

ACADEMIC EXPERIENCE

Duration: 2022 – Now

- University: Amman Arab University
- Academic Rank: Assistant Professor
- Date the rank was granted: 2020
- The body granting the rank: Amman Arab University
- College: Information Technology
- Country: Jordan

Duration: 2019 – 2021

- University: The World Islamic Sciences and Education University

دائرة الموارد البشرية
Human Resources Department

- Academic Rank: Assistant Professor
- College: Information Technology
- Country: Jordan

Duration: 2018 – 2019

- University: Aqaba University of Technology
- Academic Rank: Assistant Professor
- College: Information Technology
- Country: Jordan

CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS

▪

CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

▪

HONORS AND AWARDS

▪

SERVICE ACTIVITIES

- Master Thesis Discussion Committees (Internal / External Examiner)
- Committee on Ethics of Theses and Dissertations
- Strategic Planning Implementation and Follow-up Unit
- Strategic Planning Committee
- Student Affairs Committee
- Academic Advising Committee

THE MOST IMPORTANT PUBLICATIONS IN LAST FIVE YEARS

1. Hamad, H., Shehab, M. : Improving the Segmentation of Arabic Handwriting Using Ligature Detection Technique. Computers, Materials and Continua. CMC,
2. Hamad, H., Shehab, M., Shambour, M., Abu-Hashem, M., Handwritten Recognition Techniques: A Comprehensive Review. Symmetry. MDPI,
3. Shehab, M., Shambour, M., Abu-Hashem, M., ... : A survey and recent advances in black widow optimization: variants and applications Neural Computing and Applications. Springer,
4. Abualigah, L., Elkhalaifa, L., ... Shehab, M.: Gradient-based optimizer: analysis and application of the Berry software product. Metaheuristic Optimization Algorithms. Elsevier.
5. Hamad, H., Shehab, M. : Integrated multi-layer perceptron neural network and novel feature extraction for handwritten Arabic recognition International Journal of Data and Network Science. Growing Science.
6. AlShorman, A., Shannaq, F., Shehab, M. : Machine learning approaches for enhancing smart contracts security: A systematic literature review International Journal of Data and Network Science. Growing Science.

دائرة الموارد البشرية
Human Resources Department

7. Abu-Hashem, M., Shehab, M., Shambour, M., Daoud, M., Abualigah, L.: Improved Black Widow Optimization: An investigation into enhancing cloud task scheduling efficiency Sustainable Computing: Informatics and Systems. Elsevier,
8. Daoud, M., Shehab, M., Abualigah, L., Thanh, C. : Hybrid Modified Chimp Optimization Algorithm and Reinforcement Learning for Global Numeric Optimization Journal of Bionic Engineering. Springer,
9. Abu-Hashem, M., Gutub, A., Shambour, M., Shambour, .Q, Shehab, M., Discrepancies of remote techno-tolerance due to COVID-19 pandemic within Arab middle-east countries. Journal of Umm Al-Qura University for Engineering and Architecture
10. Daoud, M., Shehab, M., Abualigah, L., Al-Mimi, H., Zitar, R., Shambour, M. : Gradient-Based Optimizer (GBO): A Review, Theory, Variants, and Applications. Archives of Computational Methods in Engineering. Springer,
11. Shehab, M., Abualigah, L. M.: Opposition-based learning Multi-Verse Optimizer with disruption operator for optimization problems. Soft Computing. Springer,

INSTITUTIONAL PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS

- Preparing the course file and continuous improvement cycle
- Publishing in peer-reviewed international journals
- Academic supervision of university theses and the role of the academic advisor
- Principles and mechanisms for academic course equivalency
- International accreditations and academic rankings
- Jordanian accreditation for academic programs

RESEARCH LINK (Scopus and Google Scholar)

- <https://www.scopus.com/authid/detail.uri?authorId=56463820900>
- <https://scholar.google.com/citations?user=jYMAQQYAAAAJ&hl=en>

LANGUAGES

- Arabic
- English