

Mohammad Mohammad Said Shehab

PERSONAL INFORMATION

Title: Faculty member

Academic Rank: Assistant Professor

Date & Place of Birth: 26/4/1987 Amman

Nationality: Jordanian

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ACADEMIC QUALIFICATIONS

Degree	Major	Duration (From-To)	University	Country
Ph.D.	Computer Science/ Artificial Intelligence and Software Engineering	2014-2018	USM	Malaysia
MSc.	Computer Science	2012-2014	USM	Malaysia

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BSc.	Software Engineering	2005-2009	Al-Zaytoonah University of Jordan	Jordan
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TEACHING EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
September 2022 until now	Assistant Professor	Amman Arab University	Faculty of Computer Science and Informatics	Jordan
February 2021 to September 2022	Assistant Professor	The World Islamic of Sciences and Education University	Faculty of Information Technology	Jordan
September 2019 to February 2021	Assistant Professor	Aqaba University of Technology	Faculty of Information Technology	Jordan

OTHER EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
2010-2012	Lab-Supervisor	Al-Zaytoonah University of Jordan	Information Technology	Jordan

PUBLICATIONS

JOURNALS

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Publication Date	Vol./No	Journal	Title	Author/s)In Order(
(2022)	1-25	Archives of Computational Methods Engineering	Harris Hawks Optimization Algorithm: Variants and Applications	MShehab, IMashal, ZMomani, AAL-Badareen, SDabet, NBataina
(2022)	12	Human-centric computing and information sciences	Quantum Reptile Mutation Search Algorithm for Global Optimization and Data Clustering	RAImodfer, MMudhsh, SChelloug, MShehab, LABualigah, MELaziz
(2022)	145	Computers in Biology and Medicine	Machine learning in medical applications: A review of state-of-the-art methods	MShehab, LABualigah, QShambour, MAbu-Hashem, MShambour, A Alsalibi, AGandom
(2022)	138	Engineering Analysis with Boundary Elements	Enhanced Flow Direction Arithmetic Optimization Algorithm for mathematical optimization problems with applications of data clustering	LABualigah, KAlmotairi, MELaziz, MShehab, MAltalhi
(2022)	1-28	Multimedia Tools and Applications	Improved linear density technique for segmentation in Arabic handwritten text recognition	HAI Hamad, LABualigah, MShehab, KAI-Shqeerat, MOTair
(2022)	1-24	Applied Intelligence	Black hole algorithm: A comprehensive survey	LABualigah, MELaziz, PSumari, AKhasawneh, MAlshinwan, SMirjalili, MShehab

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2021 37 Archives of Computational Methods Engineering of Enhanced a hybrid moth-flame optimization algorithm using new selection schemes MShehab, HAlshawabkah, LAbualigah, NAL-Madi

Conferences

Author/s

(In Order)

Author/s (In Order)	Title	Conference	Country	Date
MShehab, AKhader, MAlia	Enhancing cuckoo search algorithm by using reinforcement learning for constrained engineering optimization problems	2019IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT)	Jordan	2019
MShehab, AKhader, MAI-Betar, LAbualigah	Hybridizing cuckoo search algorithm with hill climbing for numerical optimization problems	8 2017th International conference on information technology (ICIT)	Jordan	2017
MShehab, AKhader, MLaouched	Modified cuckoo search algorithm for solving global	International conference of reliable information and communication technology	Malaysia	2017

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optimization problems

BOOKS

Author/s (In Order)	Title	Publisher	Edition	Date
MShahab	Artificial Intelligence in Diffusion MRI	Springer		2020

MEMBERSHIPS OF SCIENTIFIC AND PROFESSIONAL SOCIETIES

- Reviser at many scientific journals and conferences.
- President of Computer Science Postgraduate Society (CSPS 2015). August 2014 - October 2015

UNIVERSITY COMMITTEES

- Member of the Study Plans Committee.

WORKSHOPS ATTENDED

- Developing national capacities to develop e-learning in higher education institutions
- Leadership in the higher education program

RESEARCH INTERESTS

Artificial Intelligence

Machine Learning

Data retrieval

LANGUAGES

- Arabic
- English

OTHER COMMUNITY ACTIVITIES

- Participated in the Evidence Based Approach (EBA) Environment Fieldwork: Transforming Malaysian Batik. February 2016
- Best poster in the Fourth Asian Conference on Information Systems (ACIS 2015). October 2015

AWARDS RECEIVED

- Best poster in Computer Science Postgraduate Colloquium (Universiti Sains Malaysia). August 2016
- Best poster in the Fourth Asian Conference on Information Systems (ACIS 2015). October 2015

GRADUATE STUDENTS SUPERVISION

Student Name	Thesis Title
Hanadi Al-Shawabkeh	Enhancing the hybridization moth flam optimization algorithm to solving the travelling salesman problem

REFERENCES

Dr. Laith Abu-Aligah, Associate Professor, Al-Ahliyya Amman University
aligah.2020@gmail.com/ +962799716333

Dr. Mohammad Shambour, Associate Professor, Umm-Alqura University
shambour@gmail.com/ +966541641980