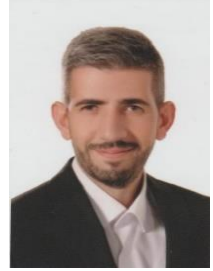


Human Resources Department

Date 11/3/2023

DR. GHAITH M. JARADAT



PERSONAL INFORMATION

Title: Dr.

Academic Rank: Associate Prof.

Date & Place of Birth: 28/12/181 - IRBID

Nationality: Jordanian

Address: Department of Computer Science, Faculty of Computer Science and Informatics, Amman – P.O.Box: 2234-11953

Phone No.: +96264791400 (Ext. 110)

e-mail: g.jaradat@aau.edu.jo

ACADEMIC QUALIFICATIONS

Degree	Major	Duration (From-To)	University	Country
Ph.D.	Computer Science	2008-2012	National University	Malaysia
M.Sc.	Intelligent Systems	2006-2007	Utara University	Malaysia
B.Sc.	Computer Science	2000-2004	Jerash University	Jordan



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TEACHING EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
9/2020-present	Associate Prof.	Amman Arab University	CS/FCSI	Jordan
1/2018-9/2020	Associate Prof.	Jerash University	CS / FCSIT	Jordan
10/2012-12/2017	Assistant Prof.	Jerash University	CS / FCSIT	Jordan
11/2009-12/2010	Lecturer	University College of TwinTech	CS	Malaysia
10/2007-6/2008	Lecturer	University College of Irbid – Al-Balqa' University	CS	Jordan

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PUBLICATIONS				
JOURNALS				
Author/s (In Order)	Title	Journal	Vol./No	Publication Date
Abuhaija, Alloubani, Almatari, Jaradat , Hemn, Abualkishik, Alsmadi	A comprehensive study of machine learning for predicting cardiovascular disease using Weka and Statistical Package for Social Sciences tools	International Journal of Electrical and Computer Engineering	13	2023
Jaradat	Elitist-Ant System metaheuristic for ITC 2021- Sports Timetabling	Book Series: Studies in Computational Intelligence / Integrating meta-heuristics and machine learning for real-world optimization problems	IX,497	2022
Alsmadi, Jaradat , et al.	An Enhanced Particle Swarm Optimization for ITC2021 Sports Timetabling	Computers, Materials & Continua	72,1	2022
AbuHamdeh, Jaradat , Alsmadi	Deep Learning for COVID-19 Cases-Based XCR and Chest CT Images	Advances on Smart and Soft Computing		2022
Almarashdeh, Eldaw, Alsmadi, Alghamdi, Jaradat , et al.	The adoption of bitcoins technology: The difference between perceived future expectation and intention to use bitcoins: Does social influence matter?	Electrical & Computer Engineering	11,6	2021
Abu-Al-Aish, Jaradat , Al-Shugran, Alodat	Automating SWOT Analysis Using Machine Learning Methods	Advances in Soft Computing and Its Applications	13,2	2021
Alsmadi, Almarashdeh, Alzaqebah, Jaradat , et al.	Digitalization of learning in Saudi Arabia during the COVID-19 outbreak: A survey	Informatics in Medicine Unlocked	25,10063 2	2021
Alhawamdeh, Jaradat , Alhawamdeh	Deep learning techniques to diagnose COVID-19 big data based on features extracted from CT and x-ray images	Applied Engineering Research	15,8	2020

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Abuhamdah, Boulila, Jaradat , et al.	A novel population-based local search for nurse rostering problem	Electrical and Computer Engineering	11,1	2020
Alhroob, Alzyadat, Imam, Jaradat	The Genetic Algorithm and Binary Search Technique in the Program Path Coverage for Improving Software Testing Using Big Data	Intelligent Automation And Soft Computing	26,4	2020
Alhroob, Alzyadat, Almkahel, Jaradat	Adaptive Fuzzy Map Approach for Accruing Velocity of Big Data Relies on Fireflies Algorithm for Decentralized Decision Making	IEEE Access	8	2020
Qawqzeh, Jaradat , et al.	Applying the Big Bang-Big Crunch Metaheuristic to Large-sized Operational Problems	Electrical & Computer Engineering	10,3	2020
Qawqzeh, Ootom, AlFayez, Almarashdeh, Alsmadi, Jaradat	A Proposed Decision Tree Classifier for Atherosclerosis Prediction and Classification	Computer Science and Network Security	19,12	2019
Jaradat , Ayob, AlBadareen, AlSmadi, AlMarashdeh, Ash-Shuqran, AlOdat	Hybrid Elitist-Ant System for Nurse-Rostering Problem	King Saud University - Computer and Information Sciences	31,3	2019
Almarashdeh, Jaradat , et al.	The Difference Between Shopping Online Using Mobile Apps and Website Shopping: A Case Study of Service Convenience	Computer Information Systems and Industrial Management Applications	11,1	2019
AlMarashdeh, Jaradat , et al.	An Elite pool-based Big Bang-Big Crunch metaheuristic for Data Clustering	Computer Science	14,12	2018
Almarashdeh, Alsmadi, Jaradat , et al.	Looking Inside and Outside the System: Examining the Factors Influencing Distance Learners Satisfaction in Learning Management System	Computer Science	14,4	2018
Almarashdeh, Alsmadi, Farag, Albahussain, Badawi, Altuwaijri,	Real-Time Elderly Healthcare Monitoring Expert System using Wireless Sensor Network	Applied Engineering Research	13,6	2018

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Almaimoni, Asiry, Alowaid, Alshabanah, AlrAlrajhi, Alfraihet, Jaradat				
Jaradat	Internship Training in Computer Science: Exploring Student Satisfaction Levels	Evaluation and Program Planning	63,1	2017
Alsmadi, Hamed, Badawi, Almarashdeh, Salah, Farag, Hassan, Jaradat, et al.	Face image recognition based on partial face matching using genetic algorithm	Engineering and Computer Sciences	18,1	2017
Jaradat	Hybrid Elitist-Ant System for a Symmetric Traveling Salesman Problem – Case of Jordan	Neural Computing and Applications	29,2	2016
Jaradat, Ayob, AlMarashdeh	The Effect of Elite Pool in Hybrid Population-based Meta-heuristics for Solving Combinatorial Optimization Problems	Applied Soft Computing	44,7	2016
Jaradat, Ayob, Ahmad	On the performance of Scatter Search for Post-Enrolment Course Timetabling Problem	Combinatorial Optimization	27,3	2014
Jaradat, Ayob, Ahmad	Scatter Search metaheuristic for Post-Enrolment Course Timetabling Problems: A Review	Advancements in Computing Technology	5,11	2013
Jaradat, Ayob	Effect of Elite Pool and Euclidean Distance in Big Bang-Big Crunch metaheuristic for Post-Enrolment Course Timetabling Problems	Soft Computing	8,2	2013
Jaradat, Ayob	A Comparison between Hybrid Population-based Approaches for solving Post-Enrolment Course Timetabling Problems	Computer Science and Network Security	11,11	2011

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CONFERENCES				
Author/s (In Order)	Title	Conference	Country	Date
Ibrahim, Shehadeh, Aladaileh, Alieyan, Jaradat , et al.	A Hybrid Facial Recognition Approach Based on Grasshopper Optimization Method	4 th Int. Conf. of Computer Sciences and Informatics	Jordan	2022
Abuhamdah, Jaradat , Alsmadi	Implementing Weka deep learning algorithm for detecting COVID-19 cases using extracted features from XCR and chest CT images	2nd Int. Conf. of Advanced Computing and Informatics	Morocco	2021
Almarashdeh, Aldhmour, Aljamaeen, Alsmadi, Jaradat	The Effect of Perceived trust in technology, trust in the bank and perceived risk on customer adoption of mobile banking	International Conference on Internet of Things, Embedded Systems and Communications (IINTEC) - Track I: Internet of Things, Smart Cities, Big Data Analytics, IEEE	Tunisia	2019
Almarashdeh, Eldaw, Alsmadi, Badawi, Haddad, Abdelkader, Jaradat , Alkhaldi, Qawqazeh	Search Convenience and Access Convenience: The Difference Between Website Shopping and Mobile Shopping	SoCPaR: Proceedings of the Tenth International Conference on Soft Computing and Pattern Recognition	Portugal	2018
Alshugran, Abu-Shqier, Jaradat	Adaptive Dynamic Update for Greedy Routing Protocol Using Fuzzy Logic Controller and Mobility Prediction	IEEE International Conference on Electro/Information Technology (EIT)	USA	2018

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Almarashdeh, Elias, Jaradat	Towards a Better understanding Of Factors Influencing Instructors' Satisfaction in Distance Learning Course: A Technology Perspective	4th World Conference on Learning, Teaching and Educational Leadership, WCLTA	Spain	2013
Ayob, Jaradat , Hamdan, Sarim, Nazri	Solving the Viva Presentations Timetabling Problem: A case study at FTSM-UKM	3rd International Conference on Electrical Engineering and Informatics	Indonesia	2011
Jaradat , Ayob	Scatter Search for Solving the Course Timetabling Problem	3rd IEEE Conference on Data Mining and Optimization	Malaysia	2011
Jaradat , Ayob	Big Bang-Big Crunch Optimization Algorithm to Solve the Course Timetabling Problem	10th IEEE International Conference on Intelligent Systems Design and Applications	Egypt	2010
Jaradat , Ayob (Book Chapter)	An Elitist-Ant System for Solving the Post-Enrolment Course Timetabling Problem	Database Theory and Application, Bio-Science and Bio-Technology. BSBT 2010, DTA 2010.	S. Korea	2010
Jaradat , Ayob	Solving University Post Enrolment-based Course Timetabling Problems using Population-based Approaches	The 1st National Doctoral Seminar in Artificial Intelligence Technology	Malaysia	2010
Ayob, Jaradat	Hybrid Ant Colony Systems for Course Timetabling Problems	2nd IEEE Conference on Data Mining and Optimization	Malaysia	2009
Yasin, Jaradat , Daud	Secondary School Examination Timetabling using Genetic Algorithm	Malaysia-Japan International Symposium on Advanced Technology	Malaysia	2007

MEMBERSHIPS OF SCIENTIFIC AND PROFESSIONAL SOCIETIES

1. Volunteer reviewer for the European Journal of Operational Research.
2. Volunteer reviewer for the International Journal of Neural Computing and Applications.
3. Volunteer reviewer for the International Journal of Swarm and Evolutionary Computation.
4. Volunteer reviewer for the International Journal of Machine Learning with Applications.
5. Volunteer reviewer for the International Journal of Big Data.
6. Volunteer reviewer for the Egyptian Journal of Basic and Applied Sciences.
7. Volunteer reviewer for the International Journal of Engineering Optimization.
8. Volunteer reviewer for the Journal of King Saud University – Computer and Information Sciences.
9. Volunteer reviewer for the International Journal of Modeling, Simulation, and Scientific Computing.
10. Volunteer reviewer for the International Journal of Medical Engineering and Informatics.
11. Volunteer reviewer for the Journal of Convergence Information Technology.
12. Volunteer reviewer for the International Journal of Mathematics in Operations Research.
13. Volunteer reviewer for the International Conference on Fuzzy Systems and Data Mining.
14. Volunteer reviewer for the 6th Int. Conference on Electronics, Communications and Networks.
15. Volunteer reviewer for the 3rd Conference on Data Mining and Optimization.
16. Member of Working Group on Automated Timetabling.
17. Member of Data Mining and Optimization research group.
18. Member of the Editorial board in the Advances of Computer Sciences, Boffin Access Inc.
19. Member of the Editorial board in the International Journal of Optimization, Hindawi.
20. Member of the National Researchers' Database in Universities and Scientific Centers (ID: **3025**).
21. Member of the National Jordanian Researchers' Database (ID: **2000602**).
22. Member of the Jordanian Academicians Society.
23. Member of the Master Thesis Discussion Committees (Internal / External Examiner).
24. Member and Coordinator of the RUCAS-Tempus IV Project "CLIMASP".
25. Consultant for Al-UrdonialilEbda' – JSMP II.
26. [GoogleScholar](#)
27. [Publons](#)
28. Scopus Author ID: [35230017200](#)
29. ORCID: [0000-0002-5166-1576](#)

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30. Web of Science ResearcherID: [H-3944-2019](#)
31. [Github](#)
32. [ResearchGate](#)
33. [Mendeley](#)
34. [Academia](#)

UNIVERSITY COMMITTEES

1. Preparing and Following-Up the Strategic Plan Implementation Unit
2. Students Affairs
3. Scientific Research
4. Strategic Planning
5. Quality Assurance
6. Syllabus and Certificate Accreditation
7. Electronic Exams Administration
8. Crisis Management
9. Public Safety
10. University Council
11. Technical follow-up and Laboratories Management
12. Social and Scientific Activities
13. Non-curricula Activities

WORKSHOPS ATTENDED

1. Publons Academy, structuring reviews (10 Modules).
2. Effective Academic Assessment Strategies (4 Modules).
3. Capacity Building in the Field of Higher Education. (Erasmus+)
4. How to analyze your data using SPSS (3 Modules).
5. Mathematical Programming and Constraint Satisfaction Problems (3 Modules).
6. IIOE / Big Data training program (3 Modules)
7. Scopus Author Profile: how they work and how they can help showcase your research.
8. Scopus Author Profiles: Understanding author profiles and getting the most from the re-design.
9. Applying Data Mining Techniques using SAS Enterprise Miner.
10. Deep Learning with WEKA (4 Modules).
11. CISCO Curricula / NetAcad.
12. CISCO CCNA for Instructors (3 Modules).
13. Machine Learning with R.
14. Soft Computing and Pattern Recognition.
15. Mathworks Training programs and Webinars
 - i. Hyper heuristics and Optimization using Matlab
 - ii. Matlab for Teaching Computational Thinking



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- iii. Deep Learning Onramp (3 Modules)
- iv. Image Processing Onramp (3 Modules)
- v. Machine Learning Onramp (3 Modules)
- vi. Data Science Onramp (3 Modules)
- vi. Predictive Modeling and Machine Learning with Matlab
- viii. Simulink online for Simulation and Modeling
- ix. Teaching with Simulink Online
- x. Teaching AI with Matlab
- xi. Virtual Labs and Projects with Matlab and Simulink
16. Oracle's Philanthropic Educational Program
 - i. Oracle Academy Overview
 - ii. Learn how to build enterprise apps with Oracle APEX in Oracle Academy's hands-on lab
 - iii. Second Generation Oracle Cloud Infrastructure
 - iv. Big Data Analytics and Data Science
 - v. Oracle Academy New Member Orientation (iLearning, member hub, getting help)
17. IBM Webinars
 - i. Data Science Projects
 - ii. Full Analytical Potential
 - iii. AutoAI
 - iv. Science behind Biggest Decisions
 - v. Automating AI lifecycle
 - vi. ML for QM
 - vii. AI starts with the right DB
18. Microsoft Azure virtual training: Fundamentals.
19. Artificial Immune System and Research Writing.
20. Managing Research and Getting Published: Using the Scientific Method.
21. Writing Papers: Tips for getting published.
22. Understanding Research Methods.
23. Research Methodology, How to write a Journal Paper.
24. Research Methodology, How to write a PhD thesis.
25. Research Methodology, How to write a PhD proposal.
26. Introduction to Cyber Security.
27. Neural Networks with Jupyter.

WORKSHOPS OFFERED

1. Introductory workshop on academic guidance instructions, tasks and procedures.
2. Academic Advising (Priorities and method of enrolment, how to benefit from the indicative plan, correcting the academic situation of the faltering student, directing graduates to the requirements of the labor market, ways to develop the student's skills and abilities).

RESEARCH INTERESTS

1. Combinatorial Optimization Problems.
2. Metaheuristics.



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3. Evolutionary Computation.
4. Deep Learning.
5. Simulation Models.
6. Operations Research.
7. Higher Education Quality Assurance.
8. Academic Program Planning and Evaluation.
9. Learning analytics.
10. Data Analytics and Big Data.
11. Information and Network Security.

LANGUAGES

English

AWARDS RECEIVED

1. Certified Sentinel of Science 2016 (by Publons)
2. Certificate of Outstanding Contribution in Reviewing 2017 (by the European Journal of Operational Research)



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