

Saman M. Almufti



Personal Information

Nationality:	Iraqi	Address:	Iraq, Kurdistan-Region, Duhok-KRO
Place & Date of Birth	Duhok 09/03/1989		
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Employment Information

University	Nawroz University	Profession	Lecturer	Scientific Title	Lecturer
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Academic & Scientific Degrees

Degree	Bachelor	Master
University Name	Nawroz	EMU
College or Department	Computer Science & IT	Computer Engineering
Degree granting country	Iraq	Cyprus
Date of acquiring degree	2011/2012	2014/2015
Title of Master Thesis	U-Turning Ant Colony Optimization Algorithm powered by the Great Deluge Algorithm for the solution of TSP Problem	
Fine Specialization	Evolutionary Algorithms	

Teaching Expertise (Oldest to Newest)

From	To	Scientific Title	University Name
2015	Till-Now	Web design	nawroz
2015	Till-Now	Visual programming	Nawroz
2016	2017	Android programming	Nawroz
2016	2020	Web Developing	Nawroz
2019	2020	Computer Skills	Nawroz
2020	Till-Now	Internet Technology	Nawroz
2020	Till-Now	Academic Debate	Nawroz
2020	Till-Now	Visual Programming	Ararat Institute

Managerial Expertise (Oldest to Newest)

From	To	Employment Profession
2015	2017	Computer science Department- Quality Insurance committee
2016	2017	Computer science Department- commercial committee
2020	2021	Examination Committee of Computer Science &IT College

Articles

Article Title	Journal	Date
Advanced Encryption Standard Enhancement with Output Feedback Block Mode Operation	Academic Journal of Nawroz University (AJNU)	2017/7/18
Partial Image Encryption using RC4 Stream Cipher Approach and Embedded in an Image	Academic Journal of Nawroz University (AJNU)	2017/7/18
Using Swarm Intelligence for solving NP-Hard Problems	Academic Journal of Nawroz University (AJNU)	2017/8/8
The Problems and Challenges of Infeasible Paths in Static Analysis	International journal of Engineering & Technology (IJET)	2018/11/27
U-Turning Ant Colony Algorithm for Solving Symmetric Traveling Salesman Problem	Academic Journal of Nawroz University (AJNU)	2018/12/21
Review on Elephant Herding Optimization Algorithm Performance in Solving Optimization Problems	International journal of Engineering & Technology (IJET)	2019/05
Comparative study between elephant herding optimization (EHO) and U-turning ant colony optimization (U-TACO) in solving symmetric traveling salesman problem (STSP)	Journal of Advanced Computer Science & Technology (JACST)	2019/08/25
Taxonomy of bio-inspired optimization algorithms	Journal of Advanced Computer Science & Technology (JACST)	2019/08/25
A comparative study of particle swarm optimization and genetic algorithm	Journal of Advanced Computer Science & Technology (JACST)	2019/10/19
Historical survey on metaheuristics algorithms	International Journal of Scientific World (IJSW)	2019/11/17
Bat algorithm (BA): review, applications and modifications	International Journal of Scientific World	2020/1/3

	(IJSW)	
Comparing Symmetric and Asymmetric cryptography in message encryption and decryption by using AES and RSA algorithms	Journal of Xi'an University of Architecture & Technology (JXAT)	2020/3/16
Evaluation of EHO, U-TACO and TS Metaheuristics algorithms in Solving TSP	Journal of Xi'an University of Architecture & Technology (JXAT)	2020/4/18
A Median Filter With Evaluating of Temporal Ultrasound Image for Impulse Noise Removal for Kidney Diagnosis	Journal of Applied Science and Technology Trends (JASTT)	2020/5/22
Image Processing Techniques for Identifying Impostor Documents Through Digital Forensic Examination	Technology Reports of Kansai University (ISSN: 0453-2198)	2020/4
Effect of Mean Filter on Face Image from Video Frames	IEEE Conference 2020 8th International Symposium on Digital Forensics and Security (ISDFS)	2020/6/1
Data Analysis: Effect of Time-Of-Day on physical fitness components for students of Physical Education Department-Duhok University	Technology Reports of Kansai University (ISSN: 0453-2198)	2020/07/26
Firestore and mysql performances for data exchanging with csv file In php-based website	TOKYO SUMMIT-2 2nd International Conference on Innovative Studies of Contemporary Sciences	2020/08/17-19

Reviewed Articles

Article Title	Journal	Date
Artificial Intelligence, Machine Learning and Process Automation – Existing Knowledge Frontier and Way Forward for Mining Sector	Artificial Intelligence Review (AIRE) ISSN: 1573-7462	2020/02/23
Swarm-Based Algorithms Comparative Study For Solving Stochastic Optimization Problem Of Container Terminal Design	International Journal of Technology (IJTech) ISSN: 2086-9614	2020/03/25
A CONSTRUCTION HEURISTIC FOR A BIN PACKING PROBLEM WITH TIME WINDOWS: A CASE STUDY IN THAILAND	International Journal of Technology (IJTech) ISSN: 2086-9614	2020/05/31
Implementation of a computerized system based on the Recursive Core Heuristic (RCH) algorithm for optimal filling of tankers	Journal of Scientific Research and Reports ISSN: 2320-0227	2020/12/05
Dynamic Vehicle Routing Problem for Ride-Hailing Services Using Multi-Parametric Ant Colony Optimization	ETRI Journal ISSN:2233-7326	2020/12/19

Advanced car-parking security platform using Arduino along with automatic license and number recognition	Academic Journal of Nawroz University (AJNU) ISSN: 2520-789X	2021/1/7
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Conferences & Work Shops

Conference – Work Shop Names	Type of Participation	Date
Computer from transistor to programming	attendance	4/10/2011
Multimedia and modern technology	Scientific Committee	10-11/1/2017
Multimedia and modern technology	Preparation committee	10-11/1/2017
Multimedia and modern technology	Participation	10-11/1/2017
Innovation Expo of Duhok Province Universities 2017	Participation	6-7/5/2017
Initiating outcome-based education	attendance	17-20/9/2017
Initiating outcome-based education	Preparation committee	17-20/9/2017
Statistical Package for Social Science (SPSS) Functionality in Practice	Preparation committee	21-25/10/2017
Preparation of Course Plans and Course reports	Preparation committee	1,6,13/11/ 2017
Exam Committee Guide	Preparation committee	11-27/11/2017
First Aid workshop	Preparation committee	2-17/12/2017
Designing an ESP Program for Non-departmental English Students	Preparation committee	20-24/1/2018
Blended Learning and Employability Skills	Preparation committee	20-21/1/2018
Multimedia and Modern Technologies	Preparation committee	28-29/1/2018
Computer Architecture	Preparation committee	3-4/4/2018
4 th National Innovation Contest in Engineering (NICE 2018)	Jury member	6/5/2018
Second Technological Exhibition in Computer Science	Scientific Committee	2016
Third Technological Exhibition in Computer Science	Preparation committee	2017
Fourth Technological Exhibition in Computer Science	Preparation committee	2018
Artificial Intelligence	Participation	18-19/12/2018
Artificial Intelligence	Preparation committee	18-19/12/2018
بعض الملاحظات حول نظام ضمان الجودة والتعليم في الجامعة	Preparation committee	21/12/2018
Development of Cooperative Program and Research	Preparation committee	31/3 - 2/4/2019
5th National Innovation Competition in Engineering (NICE 2019)	Jury member	5/5/2019
International Conference on Data Science, Machine Learning and statistics 2019 (DMS-2019) /Van, Turkey	Participation	26-29/5/2019
Computer skill workshop (WADI organization)	Lecturer	7-11/07/2019
Students Parent and Teacher Council (wadi organization)	Lecturer	6-9/08/2019
Thought Management	Electronic Attendance	2/5/2020
كتابة بحوث العلمية والنشر الاكاديمي في المستويات العلمية	Electronic Attendance	3/5/2020
منصة التعليم الالكتروني كورسيرا	Electronic Attendance	4/5/2020

MestRenova in NMR Spectrum	Electronic Attendance	5/5/2020
The management and the Mechanism of an E-Exam using Google form and the used Procedures to limit the Cheating	Electronic Attendance	5/5/2020
Writing your research paper in Latex	Electronic Attendance	9/5/2020
Real-Life Experience in Virtual Reality	Electronic Attendance	11/5/2020
استخدام برنامج MENDELy لإدارة و ترتيب المراجع	Electronic Attendance	12/5/2020
IEEE Conference 2020 8th International Symposium on Digital Forensics and Security (ISDFS)	Presentation	1/6/2020
TOKYO SUMMIT-2 2nd International Conference on Innovative Studies of Contemporary Sciences	Presentation	17-19/08/2020