



Faculty Member Academic Biography

Personal data

Name	Karam Muhammed Mahdi Salih		
Current academic rank	PhD		
Workplace	IT College	Academic department	Computer Network
General specialization	Computer Science	Specialization	Cybersecurity
E-mail	Karam.mahdi@uoninevah.edu.iq		

Academic qualifications

Degree	University Name	Country Studied at	Major	Graduation Date
BSc	Mosul University	Iraq	Software Engineering	2009
MSc	Mosul University	Iraq	Software Engineering	2012
PhD	Mosul University	Iraq	Computer Science	2024

Academic rank:

Academic rank	Date of Obtaining the rank	Academic rank granting Institution
Lecturer Assistance	2016	Ninevah University
Lecturer	2024	Ninevah University

Practical experiences:

Position	Institution	From	To
Lecturer	University of Mosul – College of Computer Science and Mathematics (Evening)	2012	2014
Faculty Member	Al-Hadbaa College	2012	2014
Faculty Member	Kurdistan Technical Institute - Sulaymaniyah	2014	2016
Faculty Member	Nineveh Medical College	2016	2018
Head of Planning Division	Presidency of the University of Nineveh	2017	2022
Member of the Permanent Committee for Establishing Colleges	Presidency of the University of Nineveh	2017	2020
Director of the Office of the Assistant President for Scientific Affairs	Presidency of the University of Nineveh	2018	2020
Faculty Member	College of Information Technology	2020	Present
Head of the Psychological Counseling Unit	College of Information Technology	2023	Present



Scientific production (published/accepted for publication):	
(Paper No.1) Paper Title: “Alpha-FedAvg: Safeguarding Privacy and Enhancing Forensic Analysis in Federated Learning on Edge Devices” Published by (International Journal of Computing and Digital Systems), Bahrain, DOI: http://dx.doi.org/10.12785/ijcds/150198 <u>Scopus</u> .	
(Paper No.2) Paper Title: “Enhancing IoT Forensics through Deep Learning: Investigating Cyber-Attacks and Analyzing Big Data for Improved Security Measures” Published by IEEE, 2023 4th International Conference on Big Data Analytics and Practices (IBDAP), Thailand, DOI: 10.1109/IBDAP58581.2023.10271950 , <u>Scopus</u> .	
(Paper No.3) Paper Title: “Digital Forensic Tools: A Literature Review” Published by Journal of Education and Science (ISSN 1812-125X), Vol: 32, No: 01, 2023 (109-124).	
(Paper No.4) Paper Title: “FedForensics-IoT: A non-IID Federated Learning Framework for Forensic Investigation of IoT Attacks on Edge Devices” Accepted to Publish by (IRCEAS 2023), AIP conference proceeding, Baghdad, <u>Scopus</u> .	
(Paper No.5) Paper Title: “CustodyChainGuardian: Blockchain of custody Digital Evidence Preservation system” Accepted to Publish by (2023 IEEE Asia-Pacific conference), Indonesia, <u>Scopus</u> .	
<div> <div> (Paper No.6) كشف الشذوذ الشبكي المعتمد على التقنيات الذكائية المهجنة </div> <div> 2012 AL-Rafidain Journal of Computer Sciences and Mathematics 9 2 Mosul University </div> <div> Publication date Journal Volume Issue Publisher </div> </div>	
Scopus Profile URL: https://www.scopus.com/authid/detail.uri?authorId=58673133100	
ResearchGate Profile URL: https://www.researchgate.net/profile/Karam-Muhammed	
Google scholar Profile URL: https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=fe_WwjEAAAAJ	
Citations	17
h-index	2

Scientific Conferences:

Conference Title	Year	Inside or Outside Iraq
The First Virtual Student Conference of the University of Nineveh	2020	Inside Iraq
The 4th International Conference on Big Data Analytics and Practices	2023	Outside Iraq
IEEE Asia-Pacific Geosciences, Electronics, and Remote Sensing (AGERS)	2023	Outside Iraq
The International Conference on Engineering Research and Applied Sciences	2023	Inside Iraq
The Second E-Governance Conference	2024	Inside Iraq

Scientific Seminars:

Seminar Title	Year	Inside or Outside Iraq
Terrorism and Its Impact on the Scientific Process and Remedies	2018	Inside Iraq
Steps to Build Women Leadership in Society	2020	Inside Iraq
The Role of Geo-Information Technologies in Managing Health Crises	2020	Inside Iraq
Nineveh: Challenges of Reality and Aspirations of Information Technology	2022	Inside Iraq
Digital Security and Digital Forensics	2022	Inside Iraq
Cyber Extortion Seminar	2023	Inside Iraq

Awards Received:

Award Name	Awarding Body	Date
Best Presenter Award	AGERS - Indonesia	20-12-2023

Courses Taught:

- Image Processing
- System Software
- Java Programming Language
- Information Security
- Database Systems
- Basics of Computer
- Software Engineering
- Network Monitoring
- Network Security

Note: This CV has been updated until 30/12 / 2024