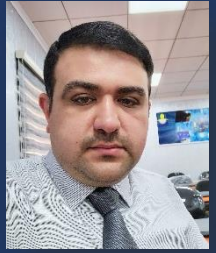


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Profile

I was awarded B.Sc. and M.Sc. in Technical Computer Engineering from Northern Technical University/ Technical Engineering College, Mosul- Iraq in 2006 and 2009 respectively. Now I am a member of scientific affairs at Northern Technical University. My research interests are in *cryptography, Image Processing, FPGA, Fuzzy Logic, and Deep Learning*. I published **8** papers in my specific field which are indexed in Scopus and other repositories. My *H-index is 2* in Scopus.

Personal Information

Date of Birth: 07/09/1984

Nationality: Iraqi

Religion: Moslem

Martial status: Married.

Academic Skills

Teaching and Instruction



Curriculum Development



Mentoring and Advising



Research and Publications



Academic Experiences:

1. Lecturer in College of Computer Science and information /Gulf University / Kingdom of Bahrain. 2009 to 2011.
 - Designed and delivered a series of lectures on a variety of topics that have been well-received by students and faculty.
2. Member of scientific affairs at Northern Technical University. 2011 to Present.
 - Coordinated with other faculty members to develop and update course curricula to align with current industry trends and best practices.
 - Prepared and delivered lectures to undergraduate classes in a computer engineering discipline.
 - Managed online classrooms, including grading assignments and providing feedback to students
 - Utilized interactive technologies to enhance student learning and engagement
 - Led a series of workshops that increased student knowledge and understanding of the course material.
 - Researched and published 10 papers on a relevant topic, which has been cited over 30 times in academic publications.

Attended Conferences:

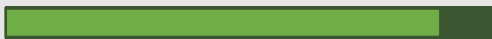
- The second scientific conference of control engineering, computers and mechatronics - University of Technology /Control and systems engineering departments, Baghdad, 2014.
- 2nd International Scientific Conference of Engineering Sciences (ISCES 2020) 16th-17th December 2020, Diyala, Iraq

Personal Skills

Technology Integration



Communication Skills



Presentation Skills



Cultural Competence



Critical Thinking and Problem-Solving



Research links

Scopus[®]

<https://www.scopus.com/authid/detail.uri?authorId=57222531907>



<https://scholar.google.com/citations?user=KF6RWyoAAAAJ&hl=ar>



<https://www.researchgate.net/profile/Karam-Othman>

Certificate of Attended Workshops

- Training workshop in "Design and production of E-course using MOODLE" Oct 24th 2010, Gulf University, Kingdom of Bahrain.
- Training workshop in "Academic Staff Development Training Workshop on Educational Quality performance" Nov 28th 2010, Gulf University, Kingdom of Bahrain.
- "Qualifying course in teaching methods" Oct 13th 2011, Administrative Technical College, Northern Technical University, Iraq.
- Training workshop in "PLC Maintenance and Programming" Dec 9th 2018, Electrical Technical Department, Mosul Technical Institute, Northern Technical University, Iraq.
- Training workshop in "Web sites management using WordPress" Feb 4th 2019, Computer Center, Northern Technical University, Iraq.
- "Create Interactive Video Lessons" cisco webex platform on 25th Jan 2020, Ministry of higher education and scientific research, Iraq – Baghdad.
- "Cyber-Security Assessment and Penetration Testing" cisco webex platform on 8 th Feb, 2020, Ministry of higher education and scientific research, Iraq – Baghdad.

Certificate of Completion Courses

1. "Development of E-Learning in Iraq according to the international experiences" 23 – 28 April 2020, Northern Technical University, in cooperation with Swedish Iraqi studies network.
2. "Iraq E-Learning Professional Training Program" May – June ,2020, Ministry of higher education and scientific research in cooperation with IREX and U.S. embassy- Baghdad

List of Published Papers

1. Karam M.Z. Othman, and Nameer Mazin Zeki. "*Therapeutic management of diseases based on fuzzy logic system-hypertriglyceridemia as a case study.*" TELKOMNIKA (Telecommunication Computing Electronics and Control) 21.2 (2023): 314-323.
2. Ahmed MT Ibraheem Al-Naib, Karam MZ Othman, "*Design and Implementation of a Real-Time Monitoring Platform for Solar PV Panels Using PLC.*" Przegląd Elektrotechniczny, Vol. 99 , No. 6, 2023.
3. Abdulkreem Mohammed Salih, Karam MZ Othman, Shayma Wail Nourillean, "*Improved Watermark Criteria Through Mark image*" NTU Journal of Engineering and Technology, Vol.1 , No.2, (2022): 36-39.
4. Karam Mazin Zeki Othman, Abdulkreem M Salih, "*Scaled conjugate gradient ANN for industrial sensors calibration*", Bulletin of Electrical Engineering and Informatics, Vol. 10, No.2 (2021): 680-688.
5. Abdulkreem Mohammed Salih, Karam Mazin Zaki, "*Geometric Form Algorithm for Data Hiding*" IOP Conference Series: Materials Science and Engineering, 2021.
6. Karam MZ Othman, "*Thermocouples Data Linearization using Neural Network*" , Iraqi Journal of Computers, Communication, Control & Systems Engineering, Vol. 15, No.2, 2015.
7. Siddeeq Y Ameen, Karam MZ Othman, Mohammed H Al-Jammas, "*Neural Network-Based Stream Image Encryption*" Caledonian Journal of Computer, Vol. 8, (2012): 4-8.
8. Karam MZ Othman, MHAL Jammas, "*Implementation of neural-cryptographic system using FPGA*", journal of engineering science and technology(JESTEC), Vol. 6, No. 4, (2011): 411-428.