Academic Curriculum Vitae
(Shaimaa H. Shaker)

1. Personal Information:

Name: Shaimaa Hameed Shaker

Languages: Arabic / English

Place of Residence: Baghdad/ Iraq

Date of Birth: 1969

Religion: Muslim

Marital status: Married, 2 children's

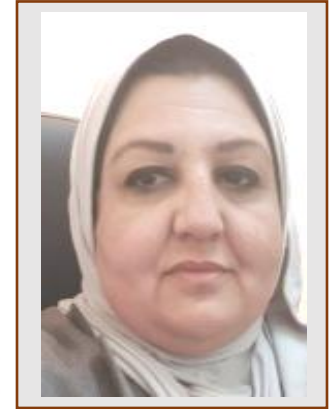**Specialization:** Computer sciences/ Pattern Recognition

Research Specialization: Multimadia Security, Classification, Predication, Image Processing, 3D object Recognition,

Current Research Interests: Multimadia Security, Object Recognition, 3D object Security, and Object classification and Tracking.

Affiliation: University of Technology/ Computer Science Department.

Mobile: +9647705328601

E-mail: Shaimaa.h.shaker@uotechnology.edu.iq, 12shaimaa0011@gmail.com

2. Academic Qualifications:

Degree science	University	Department	Date
B.Sc.	Technology	Computer Science	1991
M.Sc.	Technology	Computer Science	1996
PhD.	Technology	Computer Science	2006

3. Present Appointment:

Professor since 20/11/2022.

4. The last 15 published Papers

1. Autism spectrum disorder detection using face features based on deep neural network
2. Security Systems Based On Eye Movement Tracking Methods
3. Tumor Detection and Extraction in the Human Brain
4. Semantic Segmentation of Urban Street Scenes Using Deep Learning
5. Database meet Link generator based on linear feedback shift register and message digest algorithm
6. IID3 Classifier To Diagnosis Of High Blood Glucose Levels During Pregnancy.
7. Technique for recognizing faces using a hybrid of moments and a local binary pattern histogram
8. Localization Technique Model of Ships Ad Hoc Network (SANET) Using Geographic's Database and Clustering Analysis
9. Extraction and segmentation process for the Iraqi paper currency
10. Human Gender and Age Detection Based on Attributes of Face
11. Review of Autistic Detection Using Eye Tracking and Vocalization Based on Deep Learning
12. Robust blind digital 3D model watermarking algorithm using mean curvature
13. Hashed Watermarking Algorithm for 3D Authentication Model
14. Efficient cluster head selection and optimized routing in wireless sensor network (WSN).
15. Clustering and Analysis of Dynamic Ad Hoc Network Nodes Movement Based on FCM Algorithm

Overall, the outcome of all published research is as follows:
- More than 100 papers (local and global journal)
- More than 30 papers in Scopus index
- More than 10 papers in WoS in the ISI index

5. Short Biography

Shaimaa H.Shaker is a Professor in the Department of Computer Sciences, University of Technology-Baghdad-Iraq. He completed her Bachelor of Computer Science and Master of Science degrees from the Department of Computer Sciences-University of Technology, Baghdad, Iraq, in 1991, and 1996, respectively. He received her Ph.D. degree in Pattern recognition from the University of Technology, Baghdad, Iraq 2006. In 1991 he joined the Department of Computer Sciences, University of Technology, as an academic staff member. Prof. Dr Shaimaa has been the author of numerous technical papers since 2007, her research interests include multimedia security, data security, object detection,classification, and 3d object detection.

6. Supervision

- More than 35 MSc Thesis
- 15 PhD dissertations in Computer Science

7. Discussion thesis of high graduate studies:

- Doctorate Thesis No. (16)
- Master's Thesis No. (30)

8. Important Sites:

Google Scholar:
https://scholar.google.com/citations?user=g3R8KhEAAAAJ&hl=en

Research Gate: https://www.researchgate.net/profile/Shaimaa-Hameed
Scopus:
https://www.scopus.com/authid/detail.uri?authorId=57204186423
Web of Science:
https://www.webofscience.com/wos/author/record/1286982
research Gate:
https://www.researchgate.net/profile/Shaimaa-Hameed
Publon:
https://www.webofscience.com/wos/author/record/F-5667-2017
Orcid:
https://orcid.org/0000-0001-9450-5963
EDAS:
ID: 1877682, 1576570

9. Activities

1- Participation as a member of the preparatory committee in local and international conferences
2- Participation as a scientific committee member in local and international conferences
3- Participation as a member of the preparatory committee in local and international Seminars
4- Participation as a member of a scientific committee inside and outside the department and in other colleges.
5- Participation as a scientific evaluator for local and international journals
6- Participation as a scientific evaluator in local and international conferences
7- Effective participation in the permanent and temporary committees in the department
8- Active participation in university permanent and temporary committees
9- Participation in academic promotion committees within the department and in other colleges
10- Participation as a member in ministerial committees to modernize curricula
11- Participation as a chair or member in graduate student discussion committees within the department, university, and other universities

10-Date Curriculum Vitae Prepared:

2024-11-1