Academic Curriculum Vitae
(Rasha I. Ahmed)

1. Personal Information:

Name: Sarah Jasim Mohammed Abed

Languages: Arabic / English

Place of Residence: Baghdad/ Iraq

Date of Birth: 1985

Religion: Muslim

Marital status: Married, 2 children

Specialization: Computer Sciences/ Pattern Recognition

Research Specialization: Multimedia, image processing, Pattern Recognition.

Current Research Interests: Medical image processing, Pattern Recognition.

Affiliation: University of Technology/ Computer Science Department.

Mobile: +9647703990949

E-mail: sarah.j.mohammed@uotechnology.edu.iq

2. Academic Qualifications:

Degree science	University	Department	Date
B.Sc.	Technology	Computer Science	2007
M.Sc.	Technology	Computer Science	2015

3. Present Appointment:

Lecturer since 20/11/2022.

4. The last published Papers

1. "New Iris Feature Extraction and Pattern Matching Based on Statistical Measurement", International Journal of Emerging Trends & Technology in Computer Science, Vol. 3, Iss. 5, Sept-Oct 2014.

2. "Improved Approach to Iris Normalization for iris Recognition System", Eng. &Tech.Journal, Vol.33,Part (B), No.2, 2015.

3. M.Sc. Sarah Jasim Mohammed, "Hand Geometry and Palmprint Classification System Based on Statistical Analysis", Journal of Al-Nahrain University, Vol.20 (4), pp.109-116, December, 2017.

4. A Proposed Alzheimer's Disease Diagnosing System Based on Clustering and Segmentation Techniques, Engineering and Technology Journal, Vol.36, Part B, No. 2, 2018.

5. "The Effectiveness of Using Discrete Event Simulation to Optimize the Quality of Service of Outpatient in Iraq: A Case Study", Iraqi Journal of Industrial Research, Vol 8 (1),2021.

6. "Healthcare predictions using machine learning and artificial intelligence algorithms", International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING, VOL10(4), pp. 523–526, 2022.

7. STUDY AND STATISTICAL ANALYSIS OF SINGLE PROCESSING

8. OPERATING SYSTEM: EFFECTIVENESS AND SIMULATION, Technical and Physical Problems of Engineering" (IJTPE), Vol 15,Sep 2023.

5. Other published resources

- Non.

6. Short Biography

Sarah is a Lecturer in the Department of Computer Sciences, University of Technology-Baghdad-Iraq. she completed her Bachelor of Computer Science in 2007 and Master of Science

degrees in information system branch, from the Department of Computer Sciences-University of Technology, Baghdad, Iraq. 14 years working within the Mechanical Engineering Department / University of Technology staff . She is now a member of the staff of the Computer Science Department. She currently holds the Postgraduate Studies Division manager in the department.

7. Supervision

- Teaching and supervising undergraduate students in the department.

8. Discussion thesis of high graduate studies:

- Non.

9. Resident scientific:

- Reviewer in Al-Rafidain Journal of Engineering Sciences.

10. Important Sites:

Google Scholar:
https://scholar.google.com/citations?user=7QFtwfgAAAAJ&hl=en

Research Gate:
https://www.researchgate.net/profile/Sarah-Jasim

Scopus:
https://www.scopus.com/authid/detail.uri?authorId=58599846400

Publon:
https://www.webofscience.com/wos/author/record/E-4210-2019

Orcid:
https://orcid.org/0000-0003-0458-7569

EDAS:
ID:

11. Activities

1. Member of the Quality Committee.

2. Member of the Examination Committee.

3. Supervisor of fourth-year students.

4. Responsible for the electronic follow-up unit in the department.

5. Member of the Documentation Committee.

6. Member of the Educational Guidance Committee.

7. Member of the Liaison Committee.

8. Member of the Volunteer Work Committee.

12.   Date Curriculum Vitae Prepared:

2024-11-10