CURRICULUM VITAE

Siham Shaban Deeb Hamadah

Computer Information System Dept., Faculty of

Science and Information Technology,

Al Zaytoonah University, Amman, Jordan

Phone: 064291511 Ext.327

Fax:

E-mail: siham@zuj.edu.jo

Homepage: N.A

1. Personal Data

Date of Birth: 1/4/1969
Nationality: Jordanian

2. Education

- M.Sc. Computer science, 1998, Jordan University, Amman, Jordan.

- B.Sc. Computer science,1991, Jordan University, Amman, Jordan.

3. Ph.D. Dissertation

N.A

4. Employment

Academic Positions

Instructor, Computer Information System Dept., Faculty of Science and Information

Technology, Al Zaytoonah University, Amman, Oct/1999 –until now

QFG11/0110 - 3.1E	Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

Administrative Positions

- Programmer, Ministry of Social Development, Amman, Jordan - Oct/1995-Oct/1999
- Lecturer , The Arabian college, Amman, Jordan - Oct/1994-Oct/1995.
- Teacher, Ministry of Education, University, Amman, Jordan - Sep/1992-Jun/1993

5. Research Interests

Databases. Load Balancing. Artificial Intelligence. Data science. Security.

6. Membership in Scientific Societies and Associations

- Jaffa Association for Social Development.
- Hamada Sports and Cultural Club.

7. Honors and Awards

Honored by Al-Zaytoonah University for a research project that was supported by King Abdullah II Design & Development Bureau – KADDB.

8. Fellowships and Scholarships
N.A

9. Teaching Experience

1.Database system	6. Computer skills
2.Oracle 10g	7. Visual programming language
3.Multimedia systems	8. Advanced database
4. Programming languages	9. Information technology
5.Software package	10. File processing and organization
	11. Data Structure and Algorithm
	12. Database Security

10. Supervision of Graduate Research

N.A

11. Grants

General Electronic Exam System supported by   King Abdullah II Design & Development Bureau – KADDB. (4600 JD)

QFG11/0110 - 3.1E	Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

12. <u>Patents</u>

   N.A

13. <u>Membership of Committees</u>
- Member and Leader for Transferring Credits Committee: Oct/2000 – Oct/2003.
- Member of Development and Monitoring Committee and E-learning.
- Member and leader of Academic Plans (Graduation Sheets) Committee and Student Guide.
- Member of Social and cultural Committee.
- Member of Graduates and Academy guidance.
- Community service Committee, 2019
- Website Updating Committee for Faculty of Sciences and IT.
- Member of Evaluation Committee.
- Member of Computing and eLearning Committee

14. <u>Professional and Scientific Meetings</u>

Scientific Meetings Organized

- The First Information Technology Colloquium 2010, Al Zaytoonah University

- The Second Information Technology Colloquium 2012. Al Zaytoonah University

- The Third Information Technology Colloquium 2014. Al Zaytoonah University

Participation in Scientific meetings

- The 7th International Conference on Information Technology ICIT2015.

- The 8th International Conference on Information Technology ICIT2017.

- The 9th International Conference on Information Technology ICIT2019.

- The 10th International Conference on Information Technology ICIT2021

QFG11/0110 - 3.1E	Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

15. Participation in or organization of curricular and/or extra-curricular activities

Undergraduate Supervision
- Database system projects.
- Geographical information systems.
- Security and data encryption searches.
- Multimedia programming.
- Student training.

List of Research Projects:
- General Electronic Exam System
- Exit Systems.
- Election System for Students.

16. Publications

- Hamadah, S., A *Comprehensive Study of Static, Dynamic and Hybrid Load Balancing Algorithms*. International Journal of Computer Science and Information Technology & Security (IJCSITS), Vol.7, no.2, 2017, pp.27-32.
- Hamadah, S, *Cloud-Based Disaster Recovery and Planning Models: An Overview*, ICIC Express Letters, Vol.13, no.7, 2019, pp. 593–599

- **Hamadah, S**, Aqel.D, *A Proposed Virtual Private Cloud-Based Disaster Recovery Strategy*. Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT), IEEE, 2019, pp.469-473.
- Aqel.D, AlZu'bi, Sh., **Hamadah, S** , *Comparative Study for Recent Technologies in Arabic Language Parsing*. Sixth International Conference on Software Defined Systems (SDS), IEEE, 2019, pp.209-212
- **Hamadah, S.** Aqel, D., *Cybersecurity Becomes Smart Using Artificial Intelligent and Machine Learning Approaches: An Overview*. ICIC Express Letters, Part B: Applications, An International Journal of Research and Surveys. Vol 11, no.12, 2020. pp.1115-1123