Date : 5-10-2024

SHATHA FAWZI MOHAMMAD AWAWDEH

Personal

Photo

PERSONAL INFORMATION

Title: Faculty Member

Academic Rank: Assistant Professor

Date & Place of Birth: 24/12/1985

Nationality: Jordanian

Address: Amman/Jordan

Phone No.:

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ACADEMIC QUALIFICATIONS

Degree	Major	Duration (From-To)	University	Country
Ph.D.	Computer Science/ Data Science and AI	2017-2022	Jordan University	Jordan
Master	Software Engineering	2014-2015	University of Sydney	Australia
Bachelor	Computer Engineering	2003-2008	Yarmouk University	Jordan

TEACHING EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
2024-now	Assistant Professor	Amman Arab University	Data Science and AI	Jordan
2023-2024	Assistant Professor	Applied Science University	Data Science and AI	Jordan

OTHER EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
2009-2012	Computer Engineer	Jordan University	Computer Engineering / College of Engineering	Jordan

PUBLICATIONS

JOURNALS

Author/s (In Order)	Title	Journal	Vol./No.	Publication Date

Awawdeh, S., Rawashdeh, H., Aljalodi, H., & Alshorman, S.(2023). Vaginal birth after cesarean section prediction model for Jordanian population. Computational Biology and Chemistry, 107877.

Awawdeh, S., Faris, H., & Hiary, H. (2022). EvoImputer: An evolutionary approach for Missing Data Imputation and feature selection in the context of supervised learning. *Knowledge-Based Systems*, *236*, 107734.

Rawashdeh, H., **Awawdeh, S.**, Shannag, F., Henawi, E., Faris, H., Obeid, N., & Hyett, J. (2020). Intelligent system based on data mining techniques for prediction of preterm birth for women with cervical cerclage. Computational Biology and Chemistry, 85, 107233.

Awawdeh, S., Edinat, A., Sleit, A. (2019). An Enhanced K-means Clustering Algorithm for Multi-attributes Data. International Journal of Computer Science and Information Security (IJCSIS), 17(2).

Rawashdeh, H., Aljalodi, H., Alshorman, S., AboShindi, H., & **Awawdeh, S**. (2023). Validation of the Grobman model for successful vaginal birth after cesarean section in Jordanian women. BMC Pregnancy and Childbirth, 23(1), 1-8.

Manaseer, S., Alhenawi, E., **Awawdeh, S**. Using a new routing metric in paths discovery process for MDSR. International Journal of Engineering and Advanced Technology, 2019, 8(6), pp. 1306–1311

Awawdeh, S., Faris, H., & Hiary, H. (2023). EvoDyImp: An Evolutionary Approach for Dynamic Imputation Methods Selection. (Under review)

Alhenawi, M., **Awawdeh, S**., Abu Khurma, R., & Castillo, P. A. Choosing a Suitable Requirement Prioritization Method: A Survey. Shatha and Abu Khurma, Ruba and Castillo, Pedro A., Choosing a Suitable Requirement Prioritization Method: A Survey.

CONFERENCES

Author/s (In Order)	Title	Conference	Country	Date
Awawdeh, S. F., Cui, H., Wang, X., & Feng, D. D. (2017, July). Structure and location preserving topological representation with applications on CT segmentation. In 2017 39th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC) (pp. 548-551). IEEE.				

BOOKS

Author/s (In Order)	Title	Publisher	Edition	Date
A. M. A. Mutawa, Impacts of Generative AI on the Future of Research and Education. Information Science Reference, 2024. [Online]. Available: https://books.google.jo/books?id=0VGd0AEACAAJ Chapter 18: An exploration into the mechanisms and evolution of GPT models/ IGI global DOI: 10.4018/979 -8-3693-0884-4				

MEMBERSHIPS OF SCIENTIFIC AND PROFESSIONAL SOCIETIES

UNIVERSITY COMMITTEES

E-Learning Committee

Curriculum Committee

WORKSHOPS ATTENDED

• Communication skills with students from different backgrounds.

• Quality in academic work.

• Leadership and management skills.

• How to work towards sustainable development.

• Completed 30 hours in using modern teaching methods and educational technology in teaching and learning to practice the academic profession.

• Completed 30 hours of Asp.net course and passed the exam of this course with distinction in October 2006.

• Completed 15 hours of Unix course in August 2008.

WORKSHOPS OFFERED

RESEARCH INTERESTS

My research interests are in the field of data science and artificial intelligence.

LANGUAGES

Arabic: Native

English: Fluent

OTHER COMMUNITY ACTIVITIES

AWARDS RECEIVED

GRADUATE STUDENTS SUPERVISION

Student Name	Thesis Title

REFERENCES

Prof. Dr. Hossam Faris

Job Title: Professor

Company: University of Jordan

Email: hossam.faris@ju.edu.jo

Relationship: PhD Supervisor

Prof. Dr. Hazem Hiyari

Job Title: Professor

Company: University of Jordan

Email: hazemh@ju.edu.jo

Relationship: PhD Supervisor