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Curriculum Vitae Form - Procedures of Faculty Transfer and Promotion

CURRICULUM VITAE

Dara Mohammad Aqel

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**Photo
40mm X 30mm**

1. Personal Data

Nationality: Jordanian

2. Education

- Ph.D. (Computer Science/Artificial Intelligence and Data Mining) 2014, University of Salford, Manchester, UK
- M.Sc. (Computer Science/Advanced Distributed Systems) 2008, University of Leicester, Leicester, UK
- B.Sc. (Computer Information Systems) 2005, Al-Ahliyya Amman University, Amman, Jordan.

3. Ph.D. Dissertation

Title: "A Framework for Employee Appraisals based on Inductive Logic Programming and Data Mining Methods", University of Salford, Manchester, UK.



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4. Employment

Academic Positions

- Assistant Professor, Department of Computer Science/Artificial Intelligence, AlZaytoonah University of Jordan, Amman, Jordan.
21 of September, 2018 – present.
- Assistant Professor, Department of Computer Science/ Computer Science, AlZaytoonah University of Jordan, Amman, Jordan.
21 of September, 2014 – 2018.

Administrative Positions

- N/A

5. Research Interests

Artificial Intelligence, Data Science, Data Mining, Data Bases, Natural Language Processing, Machine Learning, Information Extraction.

6. Membership in Scientific Societies and Associations

N/A

7. Honors and Awards

N/A

8. Fellowships and Scholarships

N/A

9. Teaching Experience

- *Graduate Courses*

N/A

- *Undergraduate Courses*

Database1, Operating Systems, Data Structures, Java programming language, Introduction to Software Engineering, Introduction to Information Technology, Cognitive and Knowledge-based Systems.



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10. Supervision of Graduate Research

Master Thesis Title: “A Novel Efficient Automated Bug Assignment Approach Using Machine Learning”, done by the student: Maha Naser Abu Naser, the main supervisor of the Master student is Dr. Bilal H. Hawashin, the co-supervisor of the Master student is Dr. Dara Aqel.

11. Grants

N/A

12. Patents

N/A

13. Membership of Committees

- **University**
 - *Committee for guidance and follow - up graduates. 9/2016-6/2019.*

14. Professional and Scientific Meetings*Scientific Meetings Organized*

N/A

Participation in Scientific meetings

- GATE (General Architecture for Text Engineering) Training Course and Developer Sprint Workshop, at the University of Sheffield, Sheffield, UK, (10th-14th of May, 2010).

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

- I was a member in the International Conference on Information Technology (ICIT 2019) for Data science, Al Zaytoonah University, Amman-Jordan (9-11 of April, 2019)
- I was a member in the International Conference on Information Technology (ICIT 2017), Faculty of Science and IT, -Al Zaytoonah University, Amman-Jordan (17-18 of May, 2017)
- I have attended a training workshop in modern teaching strategies, Faculty of Science and Information -Al Zaytoonah University, Amman-Jordan (14-16/2/2017).
- I was a member at Towards a University Enterprise (TEJ), Princess Sumaya University for Technology, Amman-Jordan (2-3 of November, 2016).



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- I was a member in the International Conference on Information Technology (ICIT 2015)- Faculty of Science and IT - Al Zaytoonah University, Amman- Jordan (12-15 of May, 2015)
- I was a member in the Operational Research (OR) Society, Birmingham, UK (2012-2014).

16. Publications

1. Mughaid, A., Obeidat, I., Hawashin, B., AlZu'bi, S. and **Aqel, D.**, 2019, October. A smart Geo-Location Job Recommender System Based on Social Media Posts. In *2019 Sixth International Conference on Social Networks Analysis, Management and Security (SNAMS)* (pp. 505-510). IEEE.
2. AlZu'bi, S., **Aqel, D.**, Mughaid, A. and Jararweh, Y., 2019, October. A Multi-Levels Geo-Location based Crawling Method for Social Media Platforms. In *2019 Sixth International Conference on Social Networks Analysis, Management and Security (SNAMS)* (pp. 494-498). IEEE.
3. Hawashin B., **Aqel D.**, Alzubi S., Elbes M., "Improving Recommender Systems Using Co-Appearing and Semantically Correlated User Interests". *Recent Patents on Computer Science*, Vol. 12(1), Accepted in January 2019.
4. **Aqel, D.**, AlZu'bi, S, Hamadah, S. "Comparative Study for Recent Technologies in Arabic Language Parsing". In *2019 Sixth International Conference on Software Defined Systems (SDS)*, June 2019, pp. 209-212. IEEE.
5. Hawashin, B., **Aqel, D.**, AlZu'bi, S., Jararweh, Y. "Novel Weighted Interest Similarity Measurement for Recommender Systems Using Rating Timestamp". In *2019 Sixth International Conference on Software Defined Systems (SDS)*, June 2019, pp. 166-170. IEEE.
6. *Hamadah, S. and Aqel, D. "A Proposed Virtual Private Cloud-Based Disaster Recovery Strategy". In the Proceedings of 2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT), April 2019.*
7. *AlZu'bi, S., Mughaid, A., Hawashin, B., Elbes, M., Kanan, T., Alrawashdeh, T., Aqel, D. "Reconstructing Big Data Acquired from Radioisotope Distribution in Medical Scanner Detectors". In the Proceedings of 2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT), April 2019.*
8. **Aqel D.**, and Hawashin B. "Arabic Relative Clauses Parsing Based on Inductive Logic Programming". *Recent Patents on Computer Science*, 11(2), 2018, pages 121-133.
9. **Aqel, D. and Vadera, S.** "A Framework for Employee Appraisals based on Inductive Logic Programming and Data Mining Methods". In *Proceeding of the 18th International Conference on Applications of*



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Natural Language to Information Systems (NLDB2013). Springer, Berlin Heidelberg, June 2013, pp. 404-407.

10. **Aqel, D. and Vadera, S.** "A Framework for Employee Appraisals based on Sentiment Analysis". *Proceedings of the 1st International Conference on Intelligent Semantic Web – Services and Applications (ISWSA2010). ACM, June 2010, pp. 62-67.*