Curriculum Vita
Safaa I. Hajeer

- Gender: Female.
- Nationality: Jordanian
  E-mail: shajeer@philadelphia.com

Education

- PhD in Information Systems (IS). Ain Shams University, Cairo, Egypt. **Thesis Title**: "Hybrid Ranking Model For Efficient Information Retrieval Systems".

- MSc in Computer Information Systems (CIS). Yarmouk University, Irbid, Jordan. **Project Title**: "A Comparative Study on the Effectiveness of Different Statistical Similarity Measures for Document Retrieval".

- BSc in Computer Information Systems (CIS). AL al-Bayt University, Al-Mafraq, Jordan.

Research Interests

1- Information Retrieval Mechanisms and the working of search engines.

2- Artificial Intelligence (AI) & Expert Systems especially in the Robotics fields (I read so much in this field and have strong interest to work in this area).

3- Network Systems and Protocols (wired or wireless networks).

4- Geographic Information Systems (GIS) and its applications.

5- Unix as an Operating System with security applications.

Programming Skills

Programming Languages: Java, HTML and Java script, C++.

Graduate Courses

Programming Languages Structures, Computer Network, DNA Computing, UNIX (OS), Operating Systems, Artificial Intelligence (AI), Quality Control, Oracle, Data Mining, Information Retrieval (IR), Software Engineering and testing, and Fundamentals of Distributed Systems.

Experience

I worked as a teaching assistant:

1. In Information Technology and the College of Computer Science at Yarmouk University during my graduate work in master degree.
2. In Computer Science Department at Future Academy one year and a half during my PhD degree. **Courses taught**: Operating Systems (Linux), Programming Languages 2 (OOP- Java), Software Engineering 1, Introduction to Computer, Software Engineering 2.
3. In Information Systems (IS) Department at Faculty of Computer Science & Management, Modern Academy for Computer Science & Management Technology in Maadi, Cairo, Egypt. **Courses taught**: Management Information Systems (MIS), Internet & Multimedia Applications, Programming & usage of Computers II, Office Application Packages, Network & Information Security, Database II
4. In Information Technology (IT) Department at Faculty of Information Technology and Computing, Arab Open University (AOU), Computer and Internet Literacy.
5. In Computer Science (CS) Department at Faculty of Computer and Information Technology, Jordan University of Science and Technology (JUST).

6. Computer Science (CS) Department at Faculty of Information Technology (IT), Philadelphia University.

Publications

1- BaniHani W. and Hajeer S. (2010), *Why GIS projects fail*, The third knowledge cities world summit (KCWS) 2010, Melbourne Convention Centre, Melbourne, Australia, p.p. 1396- 1410.

2- Hajeer S. (2012), *Critical Risk Factors For Information System (IS) Projects: (IS) Projects between Sink and Swim*, International Journal of Computer Science Engineering and Technology (IJCSET), Vol. 2, Issue 6, p.p. 1270-1279.

3- Hajeer S. (2012), *Vector Space Model: Comparison between Euclidean distance & Cosine Measure on Arabic documents*, International Journal of Engineering Research and Applications (IJERA), Vol. 2, Issue 4, p.p. 2085-2090.

4- Hajeer S (2012)., *Comparison on the Effectiveness of Different Statistical Similarity Measures*, Journal of Computer Application (IJCA), Vol. 53, No. 8, p.p. 14-19, New York, USA.

5- Hajeer S., Ismail R., Badr N. and Tolba M. (2014), *An Adaptive Information Retrieval System for Efficient Web Searching*, Springer International publishing Switzerland, AMLTA, CCIS 488, pp. 472-482, Cairo, Egypt.

6- Hajeer S., Ismail R., Badr N. and Tolba M. (2015), *An Efficient Hybrid Usage-Based Ranking Model for Information Retrieval Systems & Web Search Engines*, 6th International Conference on Information and Communication Systems (ICICS), pp. 142-147, Amman, Jordan.

7- Hajeer S., Ismail R., Badr N. and Tolba M. (2015), *An Efficient Hybrid Usage-Based Ranking Algorithm for Arabic Search Engines*, The 15th International Conference on Computational Science and Applications (ICCSA 2015), pp. 382–391, Calgary, Canada.

8- Hajeer S., Ismail R., Badr N. and Tolba M. (2015), *AEHURA: A New Ranking Algorithm for Arabic Web Search Engines*, Asian Journal of Information Technology (Indexed in Scopus), Vol. 14 Issue 3, pp. 105-110.

9- Hajeer S., Ismail R., Badr N. and Tolba M. (2016), *A New Efficient Approach for Multi-Language Search Engines and Information Retrieval Systems*, Asian Journal of Information Technology (Indexed in Scopus), Vol. 15 Issue 22, pp. 4617-4625.

10- Hajeer S., Ismail R., Badr N. and Tolba M. (2016), *An Automatic Web Personalized Search Engines & Information Retrieval Systems*, International Journal of Soft Computing (Indexed in Scopus), Vol. 11 Issue 6, pp. 382-390.

11- Hajeer S., Ismail R., Badr N. and Tolba M. (2017), *A New Stemming Algorithm for Efficient Information Retrieval Systems & Web Search Engines*, Multimedia Forensics and Security: Foundations, Innovations, and Applications, Part1: Forensic Analysis in Cloud Computing, pp. 117- 135, Springer International Publishing AG 2017. (Book Chapter)

12- Hajeer S., Ismail R., Badr N. and Tolba M. (2017), *A Hybrid Ranking Algorithm For Arabic Search Engine*, International Journal of Soft Computing (Indexed in Scopus), Vol. 12 Issue 4, pp. 280-286.

Languages

1- Arabic, Mother Tongue, Excellent (reading, writing, and speaking)

2- English: Very Good (reading, writing, and speaking)

3- Spanish: Fair (reading, writing, and speaking).

Personal

Resourceful, reliable, scientific-minded, energetic, innovative, positive, communicator, and enjoys reading.

References

References Available Upon Request.