



HAYEL HUSSAIN ALI KHAFAJEH

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Computer Information System

Academic Rank: Assistant Professor

Membership:

1	Founding member of the Society for the Computerization of the Arabic Language and the Enrichment of Arabic Content on the Internet "Ethra", a member of its Administrative Committee, and a member of the Scientific Committee for its conference "Arabic Digital Content and Mechanisms for Enriching it"
2	Founding member and member of the administrative committee of the "Ethra" Association. Enriching the Arabic text on the Internet
3	Member of the sub-committees for the promotion of teachers' ranks \ Ministry of Education - Zarqa's First Directorate of Education from 2011 to 2020
4	Member of the Committee \ Supervising the authoring of adult education and literacy curricula for the sixth grade subject, Ministry of Education - Jordan, 2013.
5	Member of the Committee / Guidance and supervision of the evaluation, amendment and development of a book for the seventh and eighth grades, Ministry of Education - Jordan, 2013.
6	Chairman of the Committee / Guiding and supervising the authoring of computer books for grades (seventh, eighth, ninth) / Ministry of Education - Jordan, 2014

Qualifications:

1	Ph.D (Doctor of Philosophy) –Computer Information System
2	Master of Science - Information Technology (Msc. IT).
3	Bachelor of Computer Science.



Teaching Experience:

#	From	to	Job description
1	11-10-2015	now	Vice Dean of (Faculty of Information Technology) Assistant Professor Department of Computer Information Systems (CIS) Faculty of Information Technology ZarqaUniversity Jordan
2	13-9-2012	10-10-2015	Assistant Professor Department of Computer Information Systems (CIS) Faculty of Science and Information Technology ZarqaUniversity Jordan
3	21-9-2010	12-9-2012	Head of Computer Information Systems Department (CIS) Assistant Professor Faculty of Science and Information Technology ZarqaUniversity Jordan
4	13-9-2009	13-9-2010	Assistant Professor Department of Computer Information Systems (CIS) Faculty of Science and Information Technology ZarqaUniversity Jordan
5	1988	13-9-2009	Employee in the Ministry of Education (MOE)- Jordan as: <ul style="list-style-type: none">• Educational Programmer.• Computer teacher for the gifted students.• Supervisor for the Computer teachers.• Head of IT Division.• Manager of Balqa Learning Recourse Centre (LRC).• planning for ICT training and managing courses and sessions.• Manager of ICDL center.• QA (Quality Assurance) for ICDL exams.
6	1985	1987	Military Service: Data Entry in the Military Jordanian force

**Publications:**

#	Title	Publisher	Year/ Issue (Vol/No)
.1	Internet Arab content between information security challenges and enrichment quality	International Journal of Advanced Trends in Computer Science and Engineering	Volume 9, No.3, May - June 2020, pp. 3354–3360
.2	An Efficient Intrusion Detection Approach Using Light Gradient Boosting	Journal of Theoretical & Applied Information Technology	Vol 98(5), 2020.
.3	Opinion Mining: How Efficient Are Online Classification Tools?	International Journal of Emerging Trends in Engineering Research	Vol 8(2), 2020.
.4	Arabic Root Extraction Using A Hybrid Technique	International Journal of Advanced Computer Research (IJACR).	Vol 8(35), 2018.
.5	A Proposed Assessment Criterion For E-Learning Sites Evaluation: An Experts' Opinion	Published by the Canadian Center of Science and Education	Vol 9(4), 2016.
.6	Towards Enhancing Supportive E-Learning Courses Using Smart Tags	International Journal of Advanced Computer Science and Applications (IJACSA).	Vol. 7(8), 2016.
.7	An Improved Arabic Word's Roots Extraction Method Using N-Gram Tech Nique	Journal of Computer Science	Vol 10 (4), 2014.
.8	The Effect Of Jordanian Laws In Reducing Software Piracy	Journal of Global Research in Computer Science.	Vol 4 (7), 2013.
.9	Evaluation Of Different Query Expansion Techniques For Arabic Text Retrieval System	American Journal of Applied Sciences.	Vol 10 (9), 2013.
.10	Evaluation Of Different Query Expansion Techniques By Using Different Similarity Measures In Arabic Documents,	International Journal of Computer Science.	Vol 10 (4), 2013.
.11	Novel Automatic Query Building Algorithm Using Similarity Thessaurus	American Journal of Applied Sciences.	Vol 9 (9), 2012.

Books:

#	Book Title	Publisher	Year
.1	Introduction to Java Programming	Dar-ALSail for publishing	2019



.2	IT-Books	MOE- Jordan King Abdullah superior schools. books for student grades: • 11 th (C++ programming) • 10 th (Network+ material) • 9 th (A+ material) • 8 th (Flash, HTML, and Front Page) • 7 th (ICDL material)	2009
.3	Programming in Visual Basic	MOE- Jordan book for the 12 th grade in the MIS stream	2006
.4	Teachers guide book for using Visual Basic 6.	MOE- Jordan Guide book for the 12 th grade in the MIS stream	2008
.5	Computer books	General Directorate for curriculum in the Ministry of Education- Jordan. books for student grades: 7 th ,8 th ,9 th ,10 th ,11 th , and 12 th	2002

Translated Books:

#	Book Title	Publisher	Year
.1			

Articles:

#	Article Title	Publisher	Year
.1			



Conferences:

#	Paper Title	Organizing Institution	Conference
.1	Arabic Words Root Extraction Using Modified Successor Variety	Al Ain University; Abu Dhabi Campus, and Zarqa University in Jordan, 22nd - 24th November 2022	2021 22nd International Arab Conference on Information Technology (ACIT)
.2	<i>Arab Content on the Internet between the challenges of Information security and the quality of enrichment and development.</i>	<i>Cyberpolitik Journal & Istanbul Medeniyet University JUNE 27-30 2019 Dragos- Kartal - Istanbul</i>	<i>3rd İSTANBUL BOSPHORUS INTERNATIONAL CONFERENCE ON CYBERPOLITICS AND CEYBERSECURITY</i>
.3	<i>Enhancement of Arabic Information Retrieval Stemmer</i>	<i>Cyberpolitik Journal & Istanbul Medeniyet University 11-14 May 2018 Dragos-Kartal Istanbul</i>	<i>2nd İSTANBUL BOSPHORUS INTERNATIONAL CONFERENCE ON CYBERPOLITICS AND CEYBERSECURITY</i>
.4	<i>Trends of students toward using computers in their Studying plan of Arts and design college in Zarqa University</i>	<i>Cyberpolitik Journal & Istanbul Medeniyet MAY 18-21 2017 Altunizade Istanbul</i>	<i>1st İSTANBUL BOSPHORUS INTERNATIONAL CONFERENCE ON CYBERPOLITICS AND CEYBERSECURITY</i>
.5	<i>Comparison of education sites associated with official institutions and free e-learning sites</i>	<i>OCERINT- INTERNATIONAL ORGANIZATION CENTER OF ACADEMIC RESEARCH ISTANBUL, TURKEY May 23-25 2016</i>	<i>SOCIOINT 2016 3rd INTERNATIONAL CONFERENCE ON EDUCATION, SOCIAL SCIENCES AND HUMANITIES</i>
.6	Evaluation the Impact of Training and the Role on the Principals from their Point of View to Reinforcement Decision-Making Process through their Use of E-Learning System EDUWAVE) in the Jordanian Ministry of Education	Istanbul – Turkey 24 - 26 April 2014	International Conference on Communication, Media, Technology and Design
.7	<i>BUILDING ARABIC AUTOMATIC THESAURUS USING CO-OCCURANCE TECHNIQUE</i>	<i>ICCMTD-2013 Famagusta-north Cyprus May 02-04, 2013</i>	<i>International conference on communication, Media, Technology & Design</i>
.8	<i>INTERACTION FACTOR IN THE E-LEARNING PROGRAMS TO ENHANCE DECISION MAKING IN ACQUISITION OF THE PROGRAMS FOR THE INDIVIDUALS AND THE EDUCATIONAL ORGANIZATION</i>	(EMCIS2011) Athens, Greece, p.p.734-743 May 30-31 2011	European, Mediterranean & Middle Eastern Conference on Information Systems
.9	<i>AUTOMATIC QUERY EXPANSION FOR ARABIC TEXT RETRIEVAL BASED ON ASSOCIATION AND SIMILARITY THESAURUS</i>	(EMCIS 2010) ABU-DHABI, UAE APRIL 12-13 2010	European, Mediterranean & Middle Eastern Conference on Information Systems



**Supervision of Theses:**

#	Year	University	Thesis Title	Student Name
.1				

Community Service Activities

#	Duartion	Activity
1	2012- now	Founding member of the governing body of the Association enrich (to enrich the Arabic text on the Internet
2	2012- 2017	Chairman of the committee overseeing the books written by the Ministry of Education for the General Directorate of curriculums for the following grades: 7 th ,8 th ,9 th ,10 th ,11 th , and 12 th
3	2011 - 2017	Member of the Committee care Zubair bin Awam Mosque - Qmaim - Irbed
4	2011	A member in the supervisors team for authoring the Book computer literacy for adults in For the Ministry of education-JORDAN
5	2010 - now	Member of the ranking committee to upgrade teachers deserving of Zarqa Educational Directorate
6	2006	A member in the organization team ESP (ERfKESupport Project) to solve the educational problems in teaching the Visual Basic Programming from the view of teachers and students for the 11th and 12th grades of the MIS stream
7	2004-2005	A member of the National Team for improving the computer curriculum in the Education Reform for Knowledge Economy (ERfKE) program
8	2000-2003	Coordinator of Salt/Cambia project between the Jordanian government (MOE) and Educational Directorate in Cambria in the United Kingdom
9	2002-2003	Coordinator for the Intel Project (Learning for the future)

Personal Information

Name	HayelKhafajeh	
Place and Date of Birth	Zahar - Irbed	
Nationality	Jordanian	
Marital Status	Married	
Address	Irbed - Qummaim	



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