



## ALA'A MAHMOUD AL-SHAIKH

Email: [ashaikh@zu.edu.jo](mailto:ashaikh@zu.edu.jo)

**Faculty of Information Technology / Department of Cybersecurity**

### Academic Rank: Assistant Professor

#### Membership:

1	Member of the Jordanian Engineers Association – 2000 until now.
2	Member of the Experts Committee at Al-Balqa Applied University, 2020 – 2022.
3	Member of the Higher Committee of General Associate Degree (Shamel) Exam Computerization, 2014-2015.
4	Member of the Higher Committee of Examinations at Al-Balqa Applied University, 2013 – 2019.
5	Member of the Higher Committee of Skill Exams at Al-Balqa Applied University, 2008-2009.
6	Member of the Higher Committee of General Examination at Al-Balqa Applied University, 2006-2009

#### Qualifications:

1	PhD in Computer Science, 2020.
2	Master of Computer Science, 2006.
3	B.Sc. in Computer Engineering, 2000.

**Teaching Experience:**

#	From	to	Job description
1	05.10.2022	now	<b>Assistant Professor</b> Department of Cybersecurity Faculty of Information Technology Zarqa University Jordan
2	05.02.2002	04.10.2022	<b>Employee at Al-Balqa Applied University:</b> <ul style="list-style-type: none"> <li>• E-Learning Manager.</li> <li>• Technical and IT Manager.</li> <li>• Head of Computer Section.</li> <li>• Computer Engineer.</li> </ul>
3	28.09.2009	17.01.2013	<b>Lecturer</b> Department of Computing Institute of Public Administration Eastern Province Branch Dammam, Saudi Arabia

**Publications:**

#	Title	Publisher	Year/ Issue (Vol/No)
1.	Development of a secure model for Mobile Government applications in Jordan <a href="http://dx.doi.org/10.18576/jsap/130110">http://dx.doi.org/10.18576/jsap/130110</a>	Journal of Statistics Applications & Probability	2024
2.	Website Phishing Detection Using Machine Learning Techniques <a href="http://dx.doi.org/10.18576/jsap/130108">http://dx.doi.org/10.18576/jsap/130108</a>	Journal of Statistics Applications & Probability	2024
3.	A Comparative Study on the Performance of 64-bit ARM Processors <a href="https://doi.org/10.3991/ijim.v17i13.39395">https://doi.org/10.3991/ijim.v17i13.39395</a>	International Journal of Interactive Mobile Computing	2023
4.	Hybrid harmony search algorithm for social network contact tracing of COVID-19 <a href="https://doi.org/10.1007/s00500-021-05948-2">https://doi.org/10.1007/s00500-021-05948-2</a>	Soft Computing	2021



5.	Metaheuristic Approach using Grey Wolf Optimizer for Finding Strongly Connected Components in Digraphs <a href="http://www.jatit.org/volumes/Vol97No16/17Vol97No16.pdf">http://www.jatit.org/volumes/Vol97No16/17Vol97No16.pdf</a>	Journal of Theoretical and Applied Information Technology	2019 Volume 97 Issue 16 pp 4439-4452
6.	Performance Comparison of LEACH and LEACH-C Protocols in Wireless Sensor Networks <a href="https://dx.doi.org/10.5614/itbj.ict.res.appl.2018.12.3.2">https://dx.doi.org/10.5614/itbj.ict.res.appl.2018.12.3.2</a>	Journal of ICT Research and Applications	2018 Volume 12 Issue 3 pp 219-236
7.	A Case Study for Evaluating Facebook Pages with respect to Arab Mainstream News Media <a href="https://dx.doi.org/10.5455/jicit.71-1496537248">https://dx.doi.org/10.5455/jicit.71-1496537248</a>	Jordanian Journal of Computers and Information Technology	2017 Volume 3 Issue 3 pp. 142-156
8.	A Defeasible Description Logic for Representing Bibliographic Data <a href="https://doi.org/10.1007/978-3-319-55354-2_8">https://doi.org/10.1007/978-3-319-55354-2_8</a>	Social Media Shaping e-Publishing and Academia Springer International Publishing	2017 pp 95-105
9.	Resource Utilization in Cloud Computing as an Optimization Problem <a href="http://dx.doi.org/10.14569/IJACSA.2016.070643">http://dx.doi.org/10.14569/IJACSA.2016.070643</a>	International Journal of Advanced Computer Science and Applications	2016 Volume 7 Issue 6 pp. 336-342
10.	Online Registration System	International Journal of Computer Science and Security	2010 Volume 4 Issue 3 pp. 331-345

## Books:

#	Book Title	Publisher	Year
1.	PC Components	Dar Safa Publishing, Amman, Jordan	2004
2.	Visual Basic 6.0 Programming	Dar Safa Publishing, Amman, Jordan	2004



## Translated Books:

#	Book Title	Publisher	Year
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## Articles:

#	Article Title	Publisher	Year
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## Conferences:

#	Paper Title	Organizing Institution	Conference
1.	Feature Selection in Associative Classification-A Review and Comparative Analysis	Zarqa University IEEE	Accepted 24th International Arab Conference on Information Technology (ACIT2023)
2.	Facebook Friendship Suggestion Model based on Data Analysis and Visualization	Zarqa University IEEE	Accepted 24th International Arab Conference on Information Technology (ACIT2023)
3.	Prediction of Dead Sea Water Levels and Red-Dead Sea Canal Compensation to Balance Sea Levels <a href="https://ieeexplore.ieee.org/document/8486191">https://ieeexplore.ieee.org/document/8486191</a>	Princess Sumaya University for Technology IEEE	2018 8th International Conference on Computer Science and Information Technology (CSIT 2018), Amman,



			Jordan, 11-12 July 2018.
4.	Evaluating IndexedDB Performance on Web Browsers <a href="https://ieeexplore.ieee.org/document/8080047">https://ieeexplore.ieee.org/document/8080047</a>	Al-Zaytoonah Private University IEEE	2017 8th International Conference on Information Technology (ICIT2017), Amman, Jordan, 17-18 May 2017
5.	A Case Study for Evaluating Facebook Pages with respect to Arab Mainstream News Media	The University of Jordan	New Trends in Information Technology (NTIT-2017), Amman, Jordan, 25-27 April 2017

## Supervision of Theses:

#	Year	University	Thesis Title	Student Name
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## Community Service Activities

#	Duartion	Activity
1		

## Personal Information

Name	Ala'a Al-Shaikh	
Place and Date of Birth	16.11.1978	
Nationality	Jordanian	
Marital Status	Married	
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