Jafar "Mohammad Ali" Ababneh

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Information Technology Collage /Cybersecurity

Academic Rank: Associated Professor

Membership:

1	Member of the Jordan Cyber Security Awareness Association (JOCSA)
2	A member in the Corporate military Retired Engineering
3	Head and member of the Electronic Learning (online) committee for WISE university through COVID-19 pandemic (Corona virus disease).**Founder of E-learning center (2020)**
4	Head and member for many committees in Accreditation and Quality Assurance Commission for Higher Education Institutions (2010-2024)

Qualifications:

1	Ph.D (Doctor of Philosophy) – Computer Information Systems (CIS)\ (**Computer Network and Information security**),
2	Master of Computer Engineering-Embedded Systems
3	Bachelor of Electrical Engineering-Telecommunication.

Teaching Experience:

#	From	To	Job description
1	01-03-2024	Now	Associate Professor Department of Cybersecurity Faculty of Information Technology Zarqa University Jordan
2	00-03-2022	29-02-2024	Associate Professor (local and international program: Pearson) ASAC : Abdul Aziz Al Ghurair School of Advanced Computing Faculty of Information Technology LTUC :Luminus Technical University College Amman Jordan
3	03-10-2015	28-02-2022	Associate Professor Faculty of Information Technology Network and Information System department **The World Islamic Sciences & Education University (**WISE) University Amman Jordan
4	3-10-2010	3-10-2015	Assistant Professor Faculty of Information Technology Network and Information System department **The World Islamic Sciences & Education University (**WISE) University Amman Jordan
5	**03-08-2015**	25-10-2020	**Dean** Faculty of Information Technology **The World Islamic Sciences & Education University (W.I.S.E), Amman Jordan.**
6	**00-09-2013**	00-10-2014	**Assistant Dean** Faculty of Information Technology **The World Islamic Sciences & Education University (W.I.S.E), Amman Jordan.**
7	2011/09/00	00-10-2014	**Chairman, of computer information and network systems(CINS), Faculty of Information Technology** **The World Islamic Sciences & Education University (W.I.S.E), Amman, Jordan.**
8	**00-5-2005**	00-09-2010	**Part time lecturer in many universities**

Publications:

#	Title	Publisher	Year/ Issue (Vol/No)
1.	A modified grid search-based optimization for possibly repetitive global extremum with an application to edge intelligence in IIoT towards time-domain signals	Springer Science	https://doi.org/10.1007/s11276-023-03570-8 ISI-web of science –JCR– impact factor 3.0 202)3(Scopus:Q1
2.	Optimal allocation of statcom to enhance transient stability using imperialist competitive algorithm	Intelligent Automation & Soft Computing,	vol. 36, no.3, pp. 3425–3446, 2023. **(ISI: 3.401, Scopus:Q3)**
3.	5G System Overview for Ongoing **Smart Applications**: Structure, Requirements, and Specifications	Computational Intelligence and Neuroscience	, vol. **2022**, Article ID 2476841, 11 pages, 2022. https://doi.org/10.1155/2022/2476841. **(ISI: 3.15)**
4.	Efficient Microstrip Patch Antenna design for improving the transceiver process of wireless communication application	Computer Integrated Manufacturing Systems	28 (10), 296-316, DOI: 10.24297/j.cims.2022.10.019. **(ISI: 0.35, Scopus:Q2)**
5.	Challenges of Software Requirements Quality Assurance and Validation: A Systematic Literature Review	in *IEEE Access*,	vol. 9, pp. 137613-137634, 2021, doi: 10.1109/ACCESS.2021.3117989.**(ISI: 3.367)**
6.	A Hybrid Approach Based on Grey Wolf and Whale Optimization Algorithms for Solving Cloud Task Scheduling Problem",	Mathematical Problems in Engineering,	vol. 2021, Article ID 3517145, 14 pages, 2021. https://doi.org/10.1155/2021/3517145, **(ISI: 1.305)**
7.	A Novel Adjacent Sensors-Based Mechanism to Increase Performance of Wireless Sensor Networks	", International Journal of Antennas and Propagation,	vol. 2021, ID 6667123, 9 pages, 2021. https://doi.org/10.1155/2021/6667123, **(ISI: 1.174)**

8.	Packet-loss probability versus queue nodes capacities in dynamic random early drop algorithms	", IJCSNS International Journal of Computer Science and Network Security,	VOL.20 No.6, June 2020, , (**Emerging Sources Citation Index: ESCI**)
9.	Influencing Performance Measurements through Varying Packet Capacities of Queue Nodes – DRED	",Modern Applied Science, Published by Canadian Center of Science and Education,	Vol. 14 (4), 23-33., **DOI:**10.5539/mas.v14n4p23,, (Excellence in Research for Australia (ERA),2020.
10.	Application of Naïve Bayes, Decision Tree, and K-Nearest Neighbors for Automated Text Classification "	Modern Applied Science, Published by Canadian Center of Science and Education	, Vol. 13 (11), 31-36.,(Excellence in Research for Australia (ERA),2019
11.	markov-modulated bernoulli dynamic gentle random early detection	" journal of theoretical and applied information technology ,	96(20), :6688-6689, **(Scopus).2018**
12.	A Survey in Active Queue Management Methods According to Performance Measures"	International Journal of Computer Trends and Technology (IJCTT),	38 (3):219-223,2016
13.	Performance Evaluation of the Proposed Enhanced Adaptive Gentle Random Early Detection Algorithm in Congestion Situations ",	International Journal of Current Engineering and Technology, International Press Corporation (USA),	6(5):1658-1664. ,2016
14.	UDP Traffic Behaviors Over eXplicit Multicast",	International Journal of Current Engineering and Technology, International Press Corporation (USA),	4(6):3861-3864.2015
15.	Associative Classification Based On Incremental Mining (ACIM),	International Journal of Computer Theory and Engineering (IJCTE),	6(2):135-140,.2014
16.	Vector Space Models to Classify Arabic Text "	International Journal of Computer Trends and Technology (IJCTT	),7 (4):219-223.,2014
17.	Survey of Error Correction Mechanisms for Video Streaming over the Internet"	(IJACSA) International Journal of Advanced Computer Science and Applications,	5(3):155-161.(Scopus), (**Emerging Sources Citation Index:ESCI),2014**
18.	Diagnosis and Fault Detection of a echatronic Hydrocephalus Shunting System", Australian	Journal of Basic and Applied Sciences, 457.(Scopus)	7(11): 449-457,2013

19.	Early fault prediction and detection of hydrocephalus shunting system"	J. Biomedical Science and Engineering (JBiSE),	6(3): 280-290,2013
20.	A Comparison between English and Arabic Text Compression"	Contemporary Engineering Sciences,	Vol. 6(3), 2013
21.	Agile Software Methodologies: Strength and Weakness	", International Journal of Engineering Science and Technology (IJEST),	5(03):455-459,2013
22.	CHALLENGES VERSUS OPPORTUNITIES IN THE IMPLEMENTATION OF e-GOVERNMENT A CASE STUDY: JORDAN e-GOVERNMENT INITIATIVE",	Far East Journal of Electronics and communication,	8 (2), 2012, : 69-83.,2012
23.	Innoviate Text-Image Compression Technique "	European Journal of Scientific Research ISSN 1450-216X	Vol. 88 (4), 2012, pp.603-616, http://www.europeanjournalofscientificresearch.com
24.	Performance Evaluation for Scalable Recursive Multicast Protocol using ns2 simulator",	International Journal of Computer Science & Information Security (IJCSIS),	10(5): 84-87,2012
25.	MCS: Archiving System Mechanism"	International Journal of Computer Science & Information Security(IJCSIS),	10(4) : 17-20.,2012
26.	Performance Investigations of Some Active Queue Management"	International Journal on New Computer Architectures and Their Applications (IJNCAA),	2(1): 286-301.,2012
27.	Analytical Modeling of a Multi-Queue Nodes Network Router, "	International Journal of Automation and Computing (IJAC),.,(Scopus), *International Journal of Automation and Computing (IJAC)* has been renamed as *Machine Intelligence Research (MIR)*(Springer, Scopus, **Emerging Sources Citation Index:ESCI)**	Vol. 8(4), Springer, UK, 20/11/2011, pp.459 - 464,ISSN: 1476-8186, DOI: 10.1007/s11633-011-0604-2.,
28.	A comprehensive Comparative Study Using Vector Space Model with K-Nearest Neighbor on Text Categorization Data	", Asian Journal of Information Management	2(1):14-22, 2008.

Patents:

#	Patent Title	Publisher	Year
1.			2024

Books:

#	Book Title	Publisher	Year
2.	Advanced Computer Skills &Its Administration & Financial Application",	Darwael for publishing,	ISBN: 978-9957-91-067-9, Amman, Jordan, October, 2012, www.darwael.com.

Book chapters:

#	Chapter Title	Publisher	Year
1.	Analyzing and Evaluating Current Computer Networks Simulation Models ",	IGI Global Information Science	Reference, DOI:10.4018/978-1-4666-0-0191-8.ch022, ISBN13: 9781466601918, ISBN10: 1466601914, EISBN13: 9781466601925, Feb., 2012.
2.	Evaluating the Performance of Active Queue Management Using Discrete-Time Analytical Model",	International Journal Aviation Information Technology, Engineering and Management (IJATEM) ,	ISBN13:9781609608873, 2012.

Articles:

#	Article Title	Publisher	Year
.1			

Conferences:

#	Paper Title	Organizing Institution	Conference
.1	performance investigations of FLRED and AGRED active queue management **methods"**	**Proceedings of Academics era** 13th International Conference, Istanbul, Turkey, 23rd-24th February 2018	13th International Conference, Istanbul, Turkey, 23rd-24th February 2018
.2	Augmented Order Preserving Minimal Perfect Hash Functions for Very Large Digital Libraries",	Proceedings of the 15th WSEAS	International Conference on Communications, pp. 90-95, ISBN: 978-1-61804-018, Corfu Island, Greece, 2011.
.3	Efficient Non-Quadratic Quick Sort (NQQuickSort)",	The International Conference on Digital Enterprise and Information Systems (DEIS). The paper will be published in the "Communications in Computer and Information Science" (CCIS), Springer-Verlag Berlin Heidelberg 2011, pp. 667-675, London, U.K, 2011.	The International Conference on Digital Enterprise and Information Systems (DEISSpringer-Verlag Berlin Heidelberg 2011, pp. 667-675, London, U.K, 2011.
.4	Performance Analysis of the Proposed Adaptive Gentle Random Early Detection Method Under Non Congestion and Congestion Situations"	The International Conference on Digital Enterprise and Information Systems (DEIS).	The paper will be published in the "Communications in Computer and Information Science" (CCIS), Springer-Verlag Berlin Heidelberg 2011, pp. 592-603, London, U.K, 2011.
.5	Derivation of Three Queue Nodes Discrete-Time Analytical Model Based on DRED Algorithm".	The Seventh IEEE International Conference on Information Technology: New Generations (ITNG 2010).	IEEE Computer Society, pp. 885-890, April 2010, Las Vegas, USA.

.6	Discrete-Time Analytical Model for Evaluating the Performance of Three Queue Nodes Based on Dynamic RED Algorithm".	Aviation Information Technology, Engineering and Management (AITEM2010),	www.igi-global.com/IJATEM pp. 152-163, March 2010, New Orleans LA, USA
.7	Derivation of an Analytical Model for Evaluating the Performance of a Multi-Queue Nodes Network Router",	Proceedings of the Third International Symposium on Innovation in Information & Communication Technology Conference "3ᵈ	ISIICT", PP. 64-70, Aug. 17-19, Philadelphia university, Amman, Jordan, 2009.
.8	Naive Baysian and K-Nearest Neighbour to Categorize Arabic Text",	ESM'2008 conference, University of Le Havre, France, 2008.	ESM'2008 conference, University of Le Havre, France, 2008.

Supervision and refereeing Theses:

#	Year	University	Thesis Title	Student Name
.1	2020	• , The World Islamic Sciences & Education University (W.I.S.E),6/1/2020.	• **Al-Maher Jam'e of Quranic Qiraar- Surat Albaqara as a Moel"by majd saeed abu safiah,**	majd saeed abu safiah Dr. yaser noyeer and Dr. jaafar ababneh,
.2	2018	**The World Islamic Sciences & Education University (W.I.S.E)**	• The span of Al-modood and nasal sounds in the Holy Quran, al –Fatiha and the First chapter of AL-Baqara vocal Analytical comparative study	• ", ishaq bin saif binsalim hgzhaimee, **Dr. yaser noyeer and Dr. jaafar ababneh,**
.3	2016	**Jordan university of science and tehnology (JUST)**	**Battery-aware tuning approach for the construction application protocol of internet of things**	majd radwan soud, supervisor firas albalas;
.4	2017	**Jordanian university, DEC. 2017**	**Detecting SQL Injection attack: a formal approach; by mohammad mesbah qbea'h, supervisor**	mohammad mesbah qbea'h pervisor: Dr. mohammad alsharaideh

Community Service Activities

#	Duration	Activity
1	1991-now	Jordan Engineers Association : Active member:04/6012
2	2011-now	ACM member :Active member (5097268)
3	2023 – now	Member of the Jordan Cyber Security Awareness Association (JOCSA)
4	2022-now	A member in the Corporate military Retired Engineering
5	2012- now	member of the association Albaraa Ibn Malik
6	2019- now	Member of the committee Ababneh Fund
7	1990	Institution of Electrical Engineers : Active member IEEE(Communication Community) : IEEE (Computer Networking Community) :

Personal Information

Name	Jafar Ababneh		
Place and Date of Birth	Sal-Irbid		
Nationality	Jordanian		
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