د. جعفر"محمدعلي" محمد عبابنه

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تكنولوجيا المعلومات/ الامن السيبراني

الرتبة الاكاديمية: أستاذ مشارك

العضويات:

1.	عضو نقابة المهندسين الاردنيين
2.	عضو (ACM)
3.	عضو الجمعية التوعوية لحماية المعلومات (الامن السيراني)()
4.	رئيس وعضو للعديد من اللجان لهيئة الاعتماد وضمان الجودة

المؤهلات العلمية:

1.	2009: دكتوراه / **نظم المعلومات والشبكات وامن المعلومات** بتقدير امتياز
2.	2005: ماجستير هندسة الحاسوب (النظم المضمنه) بتقدير أمتياز
3.	1991: بكالوريوس هندسة كهربائيه (اتصالات) بتقدير جيد
4.	1987 : شهادة الثانوية العامة (الفرع العلمي) بتقدير امتياز

الخبرات التدريسية:

1.	من3/2024	إلى الان	عضو هيئة تدريس في جامعة الزرقاء
2.	من 3/2022	إلى 2/2024	عضو هيئة تدريس للبرنامج المحلي والدولي (بيرسون البريطاني) في كلية ليمينوس الجامعبة التقنية
3.	من 10/2010	إلى 2/2022	عضو هيئة تدريس في جامعة العلوم الاسلامية العالمية

تدريس اضافي في معاهد وجامعات مختلفه	إلى 2020/10/3	من 2005	4.
العمل كمهندس كهرباء واتصالات وشبكات وصيانة الحاسوب والشبكات الحاسوبية	إلى 2010	من 1991	5.
أستاذ مشارك	الى الان	من 2015/10	6.
أستاذ مساعد/جامعة العلوم الاسلامية العالمية	الى 2015/10	من 2010/10	7.
عميد كلية تكنولوجيا المعلومات/جامعة العلوم الاسلامية العالمية	الى 2020/10	من 2015/8	7.
مساعد العميد لكلية تكنولوجيا المعلومات /جامعة العلوم الاسلامية العالمية	الى 2014/10	من 2013/09	8.
رئيس قسم الشبكات وامن المعلومات/جامعة العلوم الاسلامية العالمية	الى 2014/10	من 2011/09	9.

الأبحاث المنشورة والمقبولة للنشر:

السنة والاصدار	جهة النشر	عنوان البحث	ت
https://doi.org/10.1007/s11276-023-03570-8 ISI-web of science –JCR- impact factor 3.0 202)3(Scopus:Q1	Springer Science	A modified grid search-based optimization for possibly repetitive global extremum with an application to edge intelligence in IIoT towards time-domain signals	1.
vol. 36, no.3, pp. 3425–3446, 2023. **(ISI: 3.401, Scopus:Q3)**	Intelligent Automation & Soft Computing,	Optimal allocation of statcom to enhance transient stability using imperialist competitive algorithm	2.
, vol. **2022**, Article ID 2476841, 11 pages, 2022. https://doi.org/10.1155/2022/2476841. **(ISI: 3.15)**	Computational Intelligence and Neuroscience	5G System Overview for Ongoing **Smart Applications**: Structure, Requirements, and Specifications	3.
28 (10), 296-316, DOI: 10.24297/j.cims.2022.10.019. **(ISI: 0.35, Scopus:Q2)**	Computer Integrated Manufacturing Systems	Efficient Microstrip Patch Antenna design for improving the transceiver process of wireless communication application	4.
vol. 9, pp. 137613-137634, 2021, doi: 10.1109/ACCESS.2021.3117989.**(ISI: 3.367)**	in *IEEE Access*,	Challenges of Software Requirements Quality Assurance and Validation: A Systematic Literature Review	5.

vol. 2021, Article ID 3517145, 14 pages, 2021. https://doi.org/10.1155/2021/3517145, (ISI: 1.305)	Mathematical Problems in Engineering,	A Hybrid Approach Based on Grey Wolf and Whale Optimization Algorithms for Solving Cloud Task Scheduling Problem",	6.
vol. 2021, ID 6667123, 9 pages, 2021. https://doi.org/10.1155/2021/6667123, (ISI: 1.174)	", International Journal of Antennas and Propagation,	A Novel Adjacent Sensors-Based Mechanism to Increase Performance of Wireless Sensor Networks	7.
VOL.20 No.6, June 2020, , (Emerging Sources Citation Index: ESCI)	", IJCSNS International Journal of Computer Science and Network Security,	Packet-loss probability versus queue nodes capacities in dynamic random early drop algorithms	8.
Vol. 14 (4), 23-33., DOI:10.5539/mas.v14n4p23, , (Excellence in Research for Australia (ERA),2020.	",Modern Applied Science, Published by Canadian Center of Science and Education,	Influencing Performance Measurements through Varying Packet Capacities of Queue Nodes – DRED	9.
, Vol. 13 (11), 31-36.,(Excellence in Research for Australia (ERA),2019	Modern Applied Science, Published by Canadian Center of Science and Education	Application of Naïve Bayes, Decision Tree, and K-Nearest Neighbors for Automated Text Classification "	10.
96(20), :6688-6689, (Scopus).2018	" journal of theoretical and applied information technology ,	markov-modulated bernoulli dynamic gentle random early detection	11.
38 (3):219-223,2016	International Journal of Computer Trends and Technology (IJCTT),	A Survey in Active Queue Management Methods According to Performance Measures"	12.
6(5):1658-1664. ,2016	International Journal of Current Engineering and Technology, International Press Corporation (USA),	Performance Evaluation of the Proposed Enhanced Adaptive Gentle Random Early Detection Algorithm in Congestion Situations ",	13.
4(6):3861-3864.2015	International Journal of Current Engineering and Technology, International Press Corporation (USA),	UDP Traffic Behaviors Over eXplicit Multicast",	14.
6(2):135-140,.2014	International Journal of Computer Theory and Engineering (IJCTE),	Associative Classification Based On Incremental Mining (ACIM),	15.
),7 (4):219-223.,2014	International Journal of Computer Trends and Technology (IJCTT	Vector Space Models to Classify Arabic Text "	16.

5(3):155-161.(Scopus), (**Emerging Sources Citation Index:ESCI),2014**	(IJACSA) International Journal of Advanced Computer Science and Applications,	Survey of Error Correction Mechanisms for Video Streaming over the Internet"	.17
7(11): 449-457,2013	Journal of Basic and Applied Sciences, 457.(Scopus)	Diagnosis and Fault Detection of a echatronic Hydrocephalus Shunting System", Australian	.18
6(3): 280-290,2013	J. Biomedical Science and Engineering (JBiSE),	Early fault prediction and detection of hydrocephalus shunting system"	.19
Vol. 6(3), 2013	Contemporary Engineering Sciences,	A Comparison between English and Arabic Text Compression"	.20
5(03):455-459,2013	", International Journal of Engineering Science and Technology (IJEST),	Agile Software Methodologies: Strength and Weakness	.21
8 (2), 2012, : 69-83.,2012	Far East Journal of Electronics and communication,	CHALLENGES VERSUS OPPORTUNITIES IN THE IMPLEMENTATION OF e-GOVERNMENT A CASE STUDY: JORDAN e-GOVERNMENT INITIATIVE",	.22
Vol. 88 (4), 2012, pp.603-616, http://www.europeanjournalofscientificresearch.com	European Journal of Scientific Research ISSN 1450-216X	Innoviate Text-Image Compression Technique "	.23
10(5): 84-87,2012	International Journal of Computer Science & Information Security (IJCSIS),	Performance Evaluation for Scalable Recursive Multicast Protocol using ns2 simulator",	.24
10(4) : 17-20.,2012	International Journal of Computer Science & Information Security(IJCSIS),	MCS: Archiving System Mechanism"	.25
2(1): 286-301.,2012	International Journal on New Computer Architectures and Their Applications (IJNCAA),	Performance Investigations of Some Active Queue Management"	.26
Vol. 8(4), Springer, UK, 20/11/2011, pp.459 -	International Journal of Automation and Computing (IJAC),.,(Scopus),	Analytical Modeling of a Multi-Queue Nodes Network Router, "	.27

464,ISSN: 1476-8186, DOI: 10.1007/s11633-011-0604-2.,	*International Journal of Automation and Computing (IJAC)* has been renamed as *Machine Intelligence Research (MIR)*(Springer, Scopus, **Emerging Sources Citation Index:ESCI)**		
2(1):14-22, 2008.	", Asian Journal of Information Management	A comprehensive Comparative Study Using Vector Space Model with K-Nearest Neighbor on Text Categorization Data	.28
			.29

براءات الاختراع:

السنة	جهة النشر	المؤلفين	براءة الاختراع	ت
2024				.1
				.2

الكتب المؤلفة:

السنة	جهة النشر	عنوان الكتاب	ت
ISBN: 978-9957-91-067-9, Amman, Jordan, October, 2012, www.darwael.com	Darwael for publishing	Advanced Computer Skills &Its Administration & Financial Application",	.1

الكتب المترجمة:

السنة	جهة النشر	المؤلفين	عنوان الكتاب	ت
				.1

				.2

المقالات:

ت	عنوان المقال	جهة النشر	السنة والاصدار
.1			
.2			

الفصول في الكتب:

ت	عنوان الفصل	جهة النشر	السنة والاصدار
.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.

المؤتمرات العلمية:

ت	اسم المؤتمر	الجهة المنظمة	عنوان البحث	فترة المؤتمر

23rd-24th February 2018	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,	1.
Corfu Island, Greece, 2011	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,.	2.
Heidelberg 2011, pp. 667-675, London, U.K, 2011.	**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.	3.
London, U.K, 2011	**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,.	4.
April 2010, Las Vegas, USA.	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,	5.

March 2010	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	**6.**
Aug. 17-19, Philadelphia university, Amman, Jordan, 2009.	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.	**7.**
France, 2008.	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.	**8.**

الاشراف وتحكيم الرسائل الجامعية:

السنة	الجامعة	عنوان الرسالة	اسم الطالب	ت
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,	**.1**
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,**	**.2**
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;**	**.3**
2017	**Jordanian university, DEC. 2017**	**Detecting SQL Injection attack: a formal approach; by mohammad mesbah qbea'h, supervisor**	**mohammad mesbah qbea'h**	**.4**

			pervisor: Dr. mohammad alsharaideh	

خدمة المجتمع:

الفترة	النشاط	ت
1991– الآن	عضو نقابة المهندسين الاردنيين	**.1**
2011 –الان	عضو (ACM)	**.2**
2023 – الآن	عضو الجمعية التوعوية لحماية المعلومات (الامن السيراني)()	**.3**
2019 – الآن	عضو رابطة العبابنة لدعم الطلبة الجامعيين	**.4**
2012–الان	عضو جمعية البراء بن مالك الخيرية	**.5**

المعلومات الشخصية:

	جعفر "محمدعلي"محمد عبابنه	:	الاسم
	سال – اربد 2/1/ 1969	:	مكان وتاريخ الميلاد
	أردنية	:	الجنسية
	متزوج	:	الحالة الاجتماعية
	عمان–شفابدران–الكوم	:	عنوان السكن
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	0772253101	:	الهاتف النقال
	ص.ب:5468 الرمز البريدي: 131.11	:	العنوان البريدي