



الدكتور محمد الرفاعي

refai@zu.edu.jo

كلية تكنولوجيا المعلومات/هندسة البرمجيات

الرتبة الاكاديمية: أستاذ مشارك

العضويات:

1.	نائب عميد الدراسات العليا في جامعة الزرقاء
2.	عضو في لجنة الجودة / كلية تكنولوجيا المعلومات

المؤهلات العلمية:

1.	دكتوراه في علم الحاسوب / الأنظمة المتوازية والموزعة ، جامعة عمان العربية للدراسات العليا 2006
2.	ماجستير في علم الحاسوب / الأنظمة المتوازية والموزعة ، جامعة آل البيت 2002
3.	بكالوريوس في علوم الحاسوب، جامعة مؤتة 1992

الأهداف المهنية:

أن أكون جزءاً من منظمة ديناميكية وتقديمية حيث يمكنني التعلم وتقديم نهج ابتكاري وإضافة قيم جديدة وترك بصمة.

الخبرات التدريسية:

1.	رئيس قسم هندسة البرمجيات لخمس سنوات ورئيس قسم علم الحاسوب لسنتين و أستاذ مساعد في جامعة الزرقاء قام بتدريس عدة مساقات في علم الحاسوب وهندسة البرمجيات على مستوى البكالوريوس والماجستير.	2016	من آب 2008
2.	رئيس قسم هندسة البرمجيات و أستاذ مشارك في جامعة الزرقاء قام بتدريس عدة مساقات في علم الحاسوب وهندسة البرمجيات على مستوى البكالوريوس والماجستير.	2024	2016



3.	2024	الى الآن	نائب عميد الدراسات العليا في جامعة الزرقاء
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طلبة الماجستير

A. Supervision: Supervised the Following Students:
[1] Khaled Abdel-Fattah Alkheder, M.Sc, "Leader Election Algorithm in the HoneyComb Torus Networks with the Presence of Link Failure", Zarqa University, 2015-, Graduated.
[2] Yousef Hafiz Al-Raba'nah, M.Sc, "Leader Election Algorithm in Hive Networks", Zarqa University, 2015-, Graduated.
[3] Farhan Ali Mohammad Alzu'bi, M.Sc, " Load Balancing technique through Constraint Satisfaction Problem", Zarqa University, 2016, Graduated.
[4] Asma'a Al-jizawi, M.Sc, "Leader Election Algorithm in 5D Torus Networks", Zarqa University, 2017, Graduated.
[5] Shareef Husni Ahmad Al Jefout, M.Sc, "Leader Election Algorithm in HYPER-MESH Network", Zarqa University, 2017-, Graduated.
[6] Mohammad Hamad Aljaidi, M.Sc, "Enhancing Wireless Sensor Networks Performance Using an Efficient Protocol", Zarqa University, 2018-, Graduated.
[7] Marwa Khader Khalil Taani, M.Sc, " Studying Risks of Hybrid Reengineering on Air-Transportation Systems "A Case Study On Jordanian Civil Aviation Regulatory Commission CARC" ", Zarqa University, 2022, Graduated.
[8] Yousef Obaid, , M.Sc, " Code Refactoring and Output Remodeling with a Data-Driven Approach on Oracle Business Intelligence Reports," , Zarqa University, 2023, Graduated.
[9] Mohammad quraan, M.Sc, " A New Mechanism of Pages Replacement Strategy in Memory Management with Intelligent Behavior ", Zarqa University, 2021, Graduated.
[10] Iman bawaineh, M.Sc, "Coronavirus (COVID-19) Detection using Ensemble Learning ", Zarqa University, 2021, Graduated.
[11] Alzmaily Abedalrahman, M.Sc, " A New Algorithm to Elect the Leader and Its Deputy in Complete Networks ", Zarqa University, 2021-, Graduated.



[12] Hesham Odat, M.Sc, " An Efficient Strategy for Allocating and Placing Segments in Dynamic Storage ", Zarqa University, 2021-, Graduated.

B. MASTER'S THESIS EXAMINER:

[1] Mohammed Nazzal Elewei, M.Sc, "An Improved Heuristics for Independent Tasks Scheduling in Grid Computing Environment, 2015-, Graduated.

[2] Alaa Hasan Yousef Makableh, "DETECTING PASSWORD THEFT AND INTRUSION ATTEMPTS", Zarqa University, 2016-, Graduated.

[3] Wael Raif Al Khairi, M.Sc, A New Selection Operator Method to Select Parents in Genetics Algorithm ", 2016, Graduated.

[4] Abrar mohammed ,Effect Of Using Continuous Integration (CI) And ContinuousDelivery (CD) Deployment In DevOpsTo Reduce The Gap Between Developer and Operation, Zarqa University, 2022-, Graduated.

[5] Haya Almomani, The Effect of Using The SCRUM Framework in The Design and stockholder reliability, Zarqa University, 2022-, Graduated.

[6] Sara Qudah, The Impact of Modern Code Review on Software Improvements Based on McCall's Quality Model, Zarqa University, 2022-, Graduated.

[7] Batool HmedanAli Zyoud, M.Sc, " The effect of Heavy-Tailed Distribution on the Performance of Non-contiguous Allocation and Job Scheduling Strategiesfor2D Mesh-Connected Multicomputer", Al al-Bayt University, 2016, Graduated.

[8] Ala'a Al-Shoubaki, "Osteoporosis Classification by Using Panorama Images", Zarqa University, 2017, Graduated.

[9] Yaman Albarghouthi ,A Comparative Analysis between AHP and ANP Decision Techniques for Software Requirement Prioritization, Zarqa University, 2023, Graduated.

[10] Hilal Shrif Al-hamid, Proposed Vulnerability Threat Control Model in Continuous Monitoring Phase for DevOps ,Zarqa University, 2024, Graduated.

[11] Ali Samer Saad,The e-government Systems and Its Impact on the Public Jordanians Trust from the Software Quality Factors Perspective ,Zarqa University, 2024, Graduated.



[12] Noor Aldien , The implantation of Artificial Bee Colony for Hyper parameter Tuning in Network Traffic Analysis and Malware Detection using Machine Learning Classifiers. Hashemete university, 2024.

[13] Suzan Hussam, Identify the design aspects for a cancer-care support system in Jordan, Zarqa University, 2024, Graduated.

[14] **Tariq Shafiq Abubaker**, Cloud Computing Modeling and Simulation for Resource Allocation Performance Enhancement with Space-Shared allocation Policy, Zarqa University, 2024, Graduated.

الابحاث المنشورة والمقبولة للنشر:

السنة والاصدار	جهة النشر	عنوان البحث	
2024	IAES International Journal of Artificial Intelligence (IJ-AI)	The Main Weaknesses of Using Manhattan Distance for Solving Slide Tile Puzzles	.1
2024	International Journal of Applied Sciences & Development	Scheduling Algorithms Comparisons and Analysis using Simulation Results	.2
2019	Journal of Theoretical and Applied Information Technology	A Novel Leader Election Algorithm for Honeycomb Mesh Networks	.3
2018	International Journal of Advance Research, Ideas and Innovations in Technology	Data clustering algorithms: A second look	.4
2016	Journal of Computer and Communications	Toward Secure Vehicular Ad Hoc Networks an Overview and Comparative Study	.5
2021	IAES International Journal of Artificial Intelligence (IJ-AI)	Empirical study prove that breadth-first search is more effective memory usage than depth-first search in frontier boundary cyclic graph.	.6



2202	Journal of Theoretical and Applied Information Technology	A Ring Based Leader Election Algorithm for Hive Networks	.7
2202	Information & Computer Security	A collaborative cybersecurity framework for higher education	.8
2023	Int. J. Business Information Systems	Using deep learning methods in detecting the critical success factors on the implementation of cloud ERP	.9
2024	WSEAS Transactions on Computer Research	The Effect of Context Switching on Multilevel Feedback Queue (MLFQ) Scheduling Algorithms Performance and CPU Utilization	.10
2024	WSEAS Transactions on Computer Research	Investigating the Impact of Statistical Measures on Round Robin Quantum Length Selection in Scheduling Algorithms	.11
2024	Indonesian Journal of Electrical Engineering and Computer Science	The effect of technological context on smart home adoption in Jordan	.12
2016.	International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE)	Evolution Characteristics of ERP Systems that Distinct from Traditional SDLCs,	.13
2017	Journal of Engineering Technology.	Dynamic Solution for Leader Failure in the Honeycomb Torus Network.	.14
2017	International Journals of Advanced Research in Computer Science and Software Engineering	Software Development by Merging Prototyping and Agile Approaches,	.15
2016	Journal of Engineering Technology	Leader Election Algorithm in the Honeycomb Torus Networks,	.16
2014	International Journal of Computer Science Trends and Technology (IJCST)	Dynamic Leader Election Algorithm in 2DTorus Network with Multi Links,	.17
2015	International Journal of Computer Science and Mobile Computing	Leader Election Algorithms in Torus and Hypercube Networks Comparisons and Survey,	.18
2014	World of Computer Science and Information Technology Journal (WCSIT)	Dynamic Solutions for Leader Failure in 3D Torus Networks,	.19
2012	International Journal of Information Technology and Web Engineering	Autonomic Healing for Service Specific Overlay Networks,	.20
2015	International Journal of Computer Applications (IJCA),	Solutions for Stoning the Devil in Pilgrimage using Simulation,	.21



2012	World of Computer Science and Information Technology Journal (WCSIT)	Leader Election Algorithm in 3D Torus Networks with the Presence of One Link Failure,	.22
2011	Transactions on Systems, Signals & Devices	Autonomic Multimedia Delivery Services Self-Configuration,	.23
2015	International Journal of Advanced Research in Computer and Communication Engineering	Applied Study on E-Marketing Websites with Designing Home Delivery Service Website	.24
2010	The International Arab Journal of Information Technology,	Leader Election Algorithm in 2D Torus with the Presence of One Link Failure	.25
2015	International Journal on Engineering Applications (IREA)	The Evolution Characteristics of ERP Systems that Distinct from Traditional SDLCs,	.26
2006	The 2006 International Conference on Parallel and Distributed Processing Techniques and Applications	Leader Election Algorithm in Hypercubes with the Presence of One Link Failure,	.27

المؤتمرات

السنة والاصدار	جهة النشر	عنوان الورقة	
2021	2021 22nd International Arab Conference on Information Technology (ACIT)	A Stable Fault tolerance Algorithm for Leader Crash in Distributed Honeycomb Networks	.1
2011	The 2nd International Conference on Information & Communication Systems, May 22-24, 2011, Irbid, Jordan	Leader Election Algorithm In Hypercube network When The Id Number Is Not Distinguished,.	.2
2011	International Science & Technology Conference, Istanbul University, Turkey	Dynamic Solution For Leader Failure In Hypercube Network, ISTEK-2011	.3
2006	European University of Lefke, 4th FAE International Symposium	New Leader Election Algorithm in Hypercubes with Minimum time steps and number of messages	.4
2022	2022 13th International Conference on Information and Communication Systems (ICICS)	The Use of SCRUM Methodology for Final Year Undergraduate Project During Corona Pandemic	.5
2021	22nd International Arab Conference on Information Technology (ACIT)	Database as a Service (DBaaS) Challenges and Solutions	.6
2013	Proceedings of International Conference on Communication, Media, Technology and Design	Building Arabic Automatic Thesaurus Using Co-occurrence Technique	.7



2023	24th International Arab Conference on Information Technology, ACIT 2023,	Studying Risks of Hybrid Reengineering on Air-Transportation Systems Management 'A Case Study on Jordanian Civil Aviation Regulatory Commission (CARC)'	.8
2021	22nd International Arab Conference on Information Technology, ACIT 2021,	Internet of robotic things: Current technologies and applications	.9

الكتب:

Year	Organizing Institution	book Title	#
2019	Taylor & Francic	(Metaheuristic Algorithms-based Feature Selection Approach for Intrusion Detection: Principles, Algorithms, and Practices) Book Chapter in (Machine Learning for Computer and Cyber Security (pp.184-208))	.1
2019	Auerbach Publications	Botnet Behavior and Detection Techniques: A Review (book chapter in Computer and Cyber Security book	.2

المعلومات الشخصية:

الاسم	:	محمد نايف الرفاعي
مكان وتاريخ الميلاد	:	اربد/ علعال - 1969/128/12
الجنسية	:	الأردنية
الحالة الاجتماعية	:	متزوج
عنوان السكن	:	عمان
هاتف العمل	:	0096253821100 فرعي 2053
الهاتف النقال	:	0772205562