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كلية تكنولوجيا المعلومات / هندسة البرمجيات

الرتبة الاكاديمية: أستاذ مساعد

العضويات:

1.	عضو نقابة المهندسين الأردنيين
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المؤهلات العلمية:

1.	2016 دكتوراه / هندسة الكمبيوتر - تحليل الأنظمة ومعالجة البيانات
2.	2006 ماجستير / هندسة الكمبيوتر - اتمتة ومعالجة البيانات
3.	2006 بكالوريوس هندسة الكمبيوتر - اتمتة ومعالجة البيانات
4.	2000 شهادة الثانوية العامة (الفرع العلمي)

الخبرات التدريسية:

1	رئيس قسم هندسة البرمجيات في جامعة جدارا كلية العلوم وتكنولوجيا المعلومات	إلى 2024_9_30	من 2023_10_2
2	عضو هيئة تدريس في جامعة جدارا كلية العلوم وتكنولوجيا المعلومات - قسم هندسة البرمجيات	إلى 2024_9_30	من 2018_10_2
3	عضو هيئة تدريس في جامعة عمان الاهلية كلية هندسة الحاسوب	إلى 2018_10_1	من 2018_7_1

الأبحاث المنشورة والمقبولة للنشر:



السنة والاصدار	جهة النشر	عنوان البحث	#
<u>Vol.4 No.35 (2025)</u>	Seminars In Medical Writing and Education	AI Rx: Revolutionizing Healthcare Through Intelligence, Innovation, and Ethics	1.
<u>Vol.4 No.35 (2025)</u>	Seminars In Medical Writing and Education	AI Rx: Revolutionizing Healthcare Through Intelligence, Innovation, and Ethics	2.
<u>Vol.3 (2025)</u>	Gamification And Augmented Reality Ag Editor	Real-Time UAV Recognition Through Advanced Machine Learning for Enhanced Military Surveillance	3.
<u>Vol.3 (2025)</u>	Latia	From Complexity to Clarity: Improving Microarray Classification with Correlation-Based Feature Selection	4.
<u>Vol.3 (2025)</u>	Latia	Optimizing Resource Discovery in Grid Computing: A Hierarchical and Weighted Approach with Behavioral Modeling	5.
<u>Vol.4 No.460 (2025)</u>	Data And Metadata	Automated quantification of vesicoureteral reflux using machine learning with advancing diagnostic precision	6.
<u>Vol.3 (2025)</u>	Multidisciplinar (Montevideo) ISSN: 3046-4064.	Application of Artificial Intelligence for Diagnosing Tumors in the Female Reproductive System: A Systematic Review	7.
<u>Vol. 3 (2025):</u>	Latia	Evaluating AI and Machine Learning Models in Breast Cancer Detection: A Review of Convolutional Neural Networks (CNN) and Global Research Trends	8.
<u>Vol.15 No.11 (2024)</u>	International Journal of Advanced Computer Science & Applications	Skywatch: Advanced Machine Learning Techniques for Distinguishing UAVs from Birds in Airspace Security.	9.
<u>Vol. 2 (2024):</u>	Latia ISSN: 3046-403x	Advancing Medical Image Analysis: The Role of Adaptive Optimization Techniques in Enhancing COVID-19 Detection, Lung Infection, and Tumor Segmentation	10.
<u>Vol.20 No.11 (2024)</u>	International Journal Of Online And Biomedical Engineering	Harnessing Machine Learning for Quantifying Vesicoureteral Reflux: A Promising Approach for Objective Assessment	11.
<u>Vol.3 No.417 (2024)</u>	Data And Metadata	AI in the Sky: Developing Real-Time UAV Recognition Systems to Enhance Military Security	12.
<u>Vol.1 No.22 (2024)</u>	Am J Biomed Sci Res	Comparative Study of Classification Mechanisms of Machine Learning on Multiple Data Mining Tool Kits	13.
<u>Vol.3 No.465 (2024)</u>	Data And Metadata	Comparative Analysis of Advanced Data Mining Methods for Enhancing Medical	14.



		Diagnosis and Prognosis	
<u>Vol.3 No.419 (2024)</u>	Data And Metadata	Advanced Landslide Detection Using Machine Learning and Remote Sensing Data	15.
<u>Vol.19 No.15 (2023)</u>	International Journal of Online & Biomedical Engineering	Early Diagnosis of Diabetes: A Comparison of Machine Learning Methods	16.
<u>Vol.12 No.14 (2021)</u>	Turkish Journal of Computer and Mathematics Education (Turcomat)	Nodexl Tool for Social Network Analysis	17.
<u>Vol. 98. No. 20 (2020)</u>	Ongoing Jatit & Lls ISSN: 1992-8645	Toward achieving self-resource discovery in distributed systems based on distributed quadtree	18.
<u>Vol. 25. No. 4 (2019).</u>	Allied Business Academies	The Modern Hosting Computing Systems for Small and Medium Businesses	19.
<u>2016</u>	DOKLADY BGUIR ISSN: 1729-7648	Methods, models and technologies of modern information-analytical and control systems: research report (concluding)	20.
<u>2016</u>	DOKLADY BGUIR ISSN: 1729-7648	Dynamic redistribution of service locations	21.
<u>2015</u>	DOKLADY BGUIR ISSN: 1729-7648	Incremental algorithm for solving the dynamic linear assignment problem	22.
<u>2014</u>	DOKLADY BGUIR ISSN: 1729-7648	Fast search of the shortest paths on graphs with predefined solutions	23.
<u>2014</u>	DOKLADY BGUIR ISSN: 1729-7648	Analysis of the stability of the solutions of traveling salesman problems	24.
<u>2014</u>	DOKLADY BGUIR ISSN: 1729-7648	Algorithm for reassessment of the stability of the solutions of traveling salesman	25.
<u>2014</u>	DOKLADY BGUIR ISSN: 1729-7648	Algorithms for rapid calculation of sub-matrices of shortest paths on transport networks	26.
<u>2014</u>	DOKLADY BGUIR ISSN: 1729-7648	Safe distribution of the procedures of dynamic programming method	27.
<u>2014</u>	DOKLADY BGUIR ISSN: 1729-7648	Acceleration of multiple search for shortest paths on graphs	28.
<u>2013</u>	DOKLADY BGUIR ISSN: 1729-7648	Rapid estimation of stability intervals for solving linear assignment problems	29.
<u>2013</u>	DOKLADY BGUIR ISSN: 1729-7648	Implementation of the branch and bounds method for solving traveling salesman problems with sparse matrices	30.
<u>2013</u>	DOKLADY BGUIR	Determination of stability intervals for solving	31.



	ISSN: 1729-7648	linear assignment problems	
<u>2013</u>	DOKLADY BGUIR ISSN: 1729-7648	Estimation of stability of travelling salesman problems	32.
<u>2013</u>	DOKLADY BGUIR ISSN: 1729-7648	Quick recalculation of open and closed assignment problems	33.
<u>2013</u>	DOKLADY BGUIR ISSN: 1729-7648	Lower bounds for estimates of solutions of traveling salesman problems	34.
<u>2013</u>	DOKLADY BGUIR ISSN: 1729-7648	Stability of service queuing systems	35.
<u>2013</u>	DOKLADY BGUIR ISSN: 1729-7648	Caching the state of distributed processes by agent systems	36.
<u>2013</u>	DOKLADY BGUIR ISSN: 1729-7648	Rapid estimation of stability intervals for solving traveling salesman problems	37.
<u>2013</u>	DOKLADY BGUIR ISSN: 1729-7648	Counter search of the shortest routes on networks with predetermined solutions	38.
<u>2013</u>	DOKLADY BGUIR ISSN: 1729-7648	Accelerators of inference procedures in competency assessment systems	39.
<u>2012</u>	DOKLADY BGUIR ISSN: 1729-7648	Safe interruption of the procedures of the dynamic programming method	40.
<u>2012</u>	DOKLADY BGUIR ISSN: 1729-7648	Migration of the process of problems solution using dynamic programming method	41.
<u>2012</u>	DOKLADY BGUIR ISSN: 1729-7648	Estimation of stability intervals for solving assignment problems	42.
<u>2012</u>	DOKLADY BGUIR ISSN: 1729-7648	Estimation of stability of open assignments problem solutions	43.
<u>2012</u>	DOKLADY BGUIR ISSN: 1729-7648	Replication of dynamic programming procedures in agent systems	44.
<u>2012</u>	DOKLADY BGUIR ISSN: 1729-7648	Assessment of the need to review the composition of assignments	45.



#	عنوان الكتاب	جهة النشر	السنة
1.	Semantic Image Analysis on Social Networks and Data Processing: Review and Future Directions	IGI Global	2022

## الكتب المترجمة:

ت	عنوان الكتاب	المؤلفين	جهة النشر	السنة
.1				

## المقالات:

ت	عنوان المقال	جهة النشر	السنة والاصدار
.1			

## المؤتمرات العلمية:

#	عنوان البحث	الجهة المنظمة	اسم المؤتمر والسنة
.1	Technological Innovations in Autonomous Vehicles: A Focus on Sensor Fusion and Environmental Perception	IEEE	7th International Conference on Internet Applications, Protocols and Services (NETAPPS2024)
.2	Enhancing Diagnostic Precision in Pediatric Urology: Machine Learning Models for Automated Grading of Vesicoureteral Reflux	IEEE	7th International Conference on Internet Applications, Protocols and Services (NETAPPS2024)
.3	AI-Driven UAV Distinction: Leveraging Advanced Machine Learning	IEEE	7th International Conference on Internet Applications, Protocols and Services (NETAPPS2024)
.4	Comprehensive Assessment of Cybersecurity Measures: Evaluating Incident Response, AI Integration, and Emerging Threats	IEEE	7th International Conference on Internet Applications, Protocols and Services (NETAPPS2024)



7th International Conference on Internet Applications, Protocols and Services (NETAPPS2024)	IEEE	Automating Web Data Collection: Challenges, Solutions, and Python-Based Strategies for Effective Web Scraping	.5
25th International Arab Conference on Information Technology (ACIT'2024)	IEEE	Innovative Machine Learning Solutions for Automated Kidney Tumor Detection in CT Imaging Through Comparative Analysis	.6
25th International Arab Conference on Information Technology (ACIT'2024)	IEEE	Advanced Machine Learning Models for Real-Time Drone and Bird Differentiation in Aerial Surveillance Systems	.7
2024 3rd International Conference on Applied Artificial Intelligence and Computing (ICAAIC)	IEEE	Enhanced Resource Discovery Algorithm for Efficient Grid Computing	.8
2024 3rd International Conference on Applied Artificial Intelligence and Computing (ICAAIC)	IEEE	Enhancing Internet-based Resource Discovery: The Efficacy of Distributed Quadtree Overlay	.9
2023 International Conference on Intelligent Computing and Next Generation Networks (ICNGN)	IEEE	The Two Sides of AI in Cybersecurity: Opportunities and Challenges	.10
2023 IEEE Tenth International Conference on Communications and Networking (ComNet)	IEEE	A Comparative Study of Machine Learning Techniques for Early Prediction of Prostate Cancer	.11
2023 IEEE Tenth International Conference on Communications and Networking (ComNet)	IEEE	A Comparative Study of Machine Learning Techniques for Early Prediction of Diabetes	.12
2023 3rd International Conference on Emerging Smart Technologies and Applications (eSmarTA)	IEEE	Machine Learning Classification Algorithms for Accurate Breast Cancer Diagnosis	.13



2023 3rd International Conference on Emerging Smart Technologies and Applications (eSmarTA)	IEEE	Pushing the Envelope: Investigating the Potential and Limitations of ChatGPT and Artificial Intelligence in Advancing Computer Science Research	.14
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## الإشراف على الرسائل الجامعية:

ت	اسم الطالب	عنوان الرسالة	الجامعة	السنة
.1				

## خدمة المجتمع:

#	الفترة	الجهة المنظمة	النشاط
.1	2021	British Council	Supporting the Digital Transformation in Jordan's Higher Education Sector
.2	2021	association of Arab universities (AARU)	How to Qualify for ABET accreditation including virtual visit Training
.3	2021	association of Arab universities (AARU)	Pioneering experiences in accreditation and quality for Arab higher education institutions
.4	2020	Vocational Training Corporation	Electronic Commerce Workshop , how to make my own business online
.5	2020	INJAZ Corporation	Electronic Commerce Workshop , how to make my own business online
.6	2020	Jadara University	abet requirements for engineering and computer science
.7	2020	Jadara University	prepare students in the College of Science and Information Technology for the university proficiency exam
.8	2020	Zain	Workshop of National CyberSecurity Strategy and CyberSecurity Law
.9	2020	accreditation and quality assurance commission for higher education institutions	Jordan National Qualification Framework (JNQF)
.10	2020	accreditation and quality assurance commission for higher education institutions	Recognition of Prior Learning (RPL)
.11	2020	Ministry of Higher Education and Scientific Research "Petra University" "British Council"	STEM Early Career Academics in Jordanian Universities



Erasmus +	Al-albait University	2019	.12
Preparing students in the College of Science and Information Technology for the university proficiency exam	Jadara University	2019	.13
The International Conference on Intelligent Computing Systems and Data Analytics Applications (ICSDDA)	Jadara University	2019	.14
workshop " Capture the Flag-METACTF "	Princess Sumaya University for Technology PSUT	2019	.15
statistical Analysis using SPSS	Jadara University	2019	.16
kaizen and lean management skills	Jordan Engineers Association	2019	.17
Modern Teaching Strategies	Jadara University	2019	.18

## المعلومات الشخصية:

الاسم	:	محي الدين كامل القراله
مكان وتاريخ الميلاد	:	الكرك - الأردن / 07 / 12 / 1982
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