



محي الدين كامل القراله

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قسم هندسة البرمجيات / كلية تكنولوجيا المعلومات

الرتبة الأكاديمية : استاذ مساعد

المعلومات الشخصية

الاسم	محي الدين كامل القراله	
مكان وتاريخ الولادة	الكرك 1982/ 12 / 07	
الجنسية	اردني	
الحالة الاجتماعية	متزوج	
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العضوية :

1	نقابة المهندسين الاردنيين
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المؤهلات العلمية:

1	دكتوراه في هندسة الحاسوب (هندسة البرمجيات / تحليل الأنظمة)
2	ماجستير في هندسة الحاسوب (هندسة البرمجيات / تحليل الأنظمة)
3	بكالوريوس في هندسة الحاسوب (هندسة البرمجيات / تحليل الأنظمة)

الخبرات الأكاديمية:

#	From	To	Job description
1	01-10-2024	حتى الان	الزرقاء جامعة – مساعد أستاذ

2	18-10-2018	30-09-2024	جدارا جامعة – قسم ورئيس مساعد أستاذ
3	01-07-2018	01-10-2018	أستاذ مساعد – جامعة عمان الأهلية

Book Chapter:

#	Book Title	Publisher	Year
1.	The Influence of Compatibility on the Acceptance of Artificial Intelligence in Kuwaiti Universities	Springer Verlag	2025
2.	The Role of Perceived Trust in Embracing Artificial Intelligence Technologies: Insights from SMEs	Springer Verlag	2025
3.	The Influence of Relative Advantage on the Acceptance of Artificial Intelligence in Jordanian SMEs	Springer Verlag	2025
4.	The Impact of Artificial Intelligence on Corporate Performance: A Study of Financial and Non-financial Aspects in the Service Sector	Springer Verlag	2025
5.	Emerging Technologies in the Middle East: Artificial Intelligence Adoption and Performance Expectancy in SMEs	Springer Verlag	2025
6.	Impact of User Interface Attractiveness on the Willingness to Use Artificial Intelligence Among SMEs	Springer Verlag	2025
7.	Perceived Security and Privacy in Artificial Intelligence Adoption: Extending TAM in the Context of Jordanian SMEs	Springer Verlag	2025
8.			
9.	Semantic Image Analysis on Social Networks and Data Processing: Review and Future Directions	IGI Global	2022

Conferences:

#	Paper Title	Organizing Institution	Conference
.1	Advanced Machine Learning Models for Real-Time Drone and Bird Differentiation in Aerial Surveillance Systems	IEEE	2024 25th International Arab Conference on Information Technology Acit 2024Open source preview
.2	Innovative Machine Learning Solutions for Automated Kidney Tumor Detection in CT Imaging Through Comparative Analysis	IEEE	2024 25th International Arab Conference on Information Technology Acit 2024Open source preview
.3	Classifying Psychiatric Patients Using Machine Learning	IEEE	2024 25th International Arab Conference on Information Technology Acit 2024Open source preview
.4	Prediction of Hypertension Disease Using Machine Learning Techniques: Case Study from Jordan	IEEE	2024 25th International Arab Conference on Information Technology Acit 2024Open source preview
.5	Comparative Analysis of Classifier Performance on Reduced Feature Sets	IEEE	2025 1st International Conference on Computational Intelligence Approaches and Applications Icciaa 2025 ProceedingsOpen source preview
.6	Enhancing Autism Spectrum Disorder Detection: A Novel Ensemble Learning Framework with Multi-Model Integration	IEEE	2025 1st International Conference on Computational Intelligence Approaches and Applications Icciaa 2025 ProceedingsOpen source preview
.7	Enhancing Internet-based Resource Discovery: The Efficacy of Distributed Quadtree Overlay	IEEE	Proceedings of the 3rd International Conference on Applied Artificial Intelligence and Computing Icaaic 2024Open source preview
.8	Enhanced Resource Discovery Algorithm for Efficient Grid Computing	IEEE	Proceedings of the 3rd International Conference on Applied Artificial Intelligence and Computing Icaaic 2024Open source preview
.9	Technological Innovations in Autonomous Vehicles: A Focus on Sensor Fusion and Environmental Perception	IEEE	7th International Conference on Internet Applications, Protocols and Services (NETAPPS2024)

.10	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)
.11	AI-Driven UAV Distinction: Leveraging Advanced Machine Learning	IEEE	7th International Conference on Internet Applications, Protocols and Services (NETAPPS2024)
.12	Comprehensive Assessment of Cybersecurity Measures: Evaluating Incident Response, AI Integration, and Emerging Threats	IEEE	7th International Conference on Internet Applications, Protocols and Services (NETAPPS2024)
.13	Automating Web Data Collection: Challenges, Solutions, and Python-Based Strategies for Effective Web Scraping	IEEE	7th International Conference on Internet Applications, Protocols and Services (NETAPPS2024)
.14	Innovative Machine Learning Solutions for Automated Kidney Tumor Detection in CT Imaging Through Comparative Analysis	IEEE	25th International Arab Conference on Information Technology (ACIT'2024)
.15	Advanced Machine Learning Models for Real-Time Drone and Bird Differentiation in Aerial Surveillance Systems	IEEE	25th International Arab Conference on Information Technology (ACIT'2024)
.16	Enhanced Resource Discovery Algorithm for Efficient Grid Computing	IEEE	2024 3rd International Conference on Applied Artificial Intelligence and Computing (ICAAIC)
.17	Enhancing Internet-based Resource Discovery: The Efficacy of Distributed Quadtree Overlay	IEEE	2024 3rd International Conference on Applied Artificial Intelligence and Computing (ICAAIC)
.18	The Two Sides of AI in Cybersecurity: Opportunities and Challenges	IEEE	2023 International Conference on Intelligent Computing and Next Generation Networks (ICNGN)
.19	A Comparative Study of Machine Learning Techniques for Early Prediction of Prostate Cancer	IEEE	2023 IEEE Tenth International Conference on Communications and Networking (ComNet)
.20	A Comparative Study of Machine Learning Techniques for Early Prediction of Diabetes	IEEE	2023 IEEE Tenth International Conference on Communications and Networking (ComNet)

.21	Machine Learning Classification Algorithms for Accurate Breast Cancer Diagnosis	IEEE	2023 3rd International Conference on Emerging Smart Technologies and Applications (eSmarTA)
.22	Pushing the Envelope: Investigating the Potential and Limitations of ChatGPT and Artificial Intelligence in Advancing Computer Science Research	IEEE	2023 3rd International Conference on Emerging Smart Technologies and Applications (eSmarTA)

Community Service Activities

#	Duartion		Activity
.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
.12	2019	Al-albays University	Erasmus +
.13	2019	Jadara University	Preparing students in the College of Science and Information Technology for the university proficiency exam

.14	2019	Jadara University	The International Conference on Intelligent Computing Systems and Data Analytics Applications (ICSDA)
.15	2019	Princess Sumaya University for Technology PSUT	workshop " Capture the Flag-METACTF "
.16	2019	Jadara University	statistical Analysis using SPSS
.17	2019	Jordan Engineers Association	kaizen and lean management skills
.18	2019	Jadara University	Modern Teaching Strategies

Publications:

- [1] M. Alqaraleh, M. S. Al-Batah, M. S. Alzboon, and A. Alourani, "Brain tumor detection with real-world predictions in Jordan hospitals," *Sci. Rep.*, vol. 16, no. 1, 2026, doi: 10.1038/s41598-025-33215-z.
- [2] M. Malkawi *et al.*, "Enhancing Autism Spectrum Disorder Detection: A Novel Ensemble Learning Framework with Multi-Model Integration," in *2025 1st International Conference on Computational Intelligence Approaches and Applications (ICCIIAA) Proceedings*, 2025, pp. 1–6, doi: 10.1109/icciaa65327.2025.11013694.
- [3] R. Alazaidah, H. Abuassi, M. Alluwaici, M. S. Alzboon, M. S. Al-Batah, and M. Alqaraleh, "Hybrid Deep and Machine Learning Framework for Predicting Alzheimer's Disease.," *Int. J. Online Biomed. Eng.*, vol. 21, no. 10, 2025.
- [4] A. A. A. Haija *et al.*, "The Impact of Artificial Intelligence on Corporate Performance: A Study of Financial and Non-financial Aspects in the Service Sector," in *Intelligence-Driven Circular Economy: Regeneration Towards Sustainability and Social Responsibility–Volume 1*, Springer Nature Switzerland Cham, 2025, pp. 37–50.
- [5] N. Al-shanableh *et al.*, "Impact of User Interface Attractiveness on the Willingness to Use Artificial Intelligence Among SMEs," in *Studies in Computational Intelligence*, vol. 1173, 2025, pp. 369–383.
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- nursing perspective,” *Nurse Education in Practice*, vol. 86. p. 104438, 2025, doi: 10.1016/j.nepr.2025.104438.
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- [11] M. A. Altayar, M. Alqaraleh, M. Salem Alzboon, and W. T. Almagharbeh, “Revolutionizing Blood Banks: AI-Driven Fingerprint-Blood Group Correlation for Enhanced Safety; [Revolucionando los Bancos de Sangre: Correlación entre Huellas Dactilares y Grupos Sanguíneos Impulsada por IA para una Mayor Seguridad],” *Data Metadata*, vol. 4, 2025, doi: 10.56294/dm2025894.
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