



**AHMAD MOHAMMAD AL SMADI**

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**College of Information Technology/Department of Data Science and Artificial Intelligence**

**Academic Rank: Assistant Professor**

**Qualifications:**

1	Ph.D (Doctor of Philosophy) –Computer Science and Technology/Artificial Intelligence.
2	M.Sc., Information & Communication Engineering/ Intelligent Information processing.
3	B.Eng. Computer Engineering.

**Teaching Experience:**

#	From	to	Job description
1	24-09-2023	now	Assistant Professor Department of Data Science and Artificial Intelligence Faculty of Information Technology Zarqa University, Jordan
2	1-09-2019	20-6-2022	Teaching Assistant. College of Artificial Intelligence, Xidian University, China
3	1-09-2014	30-06-2015	Assistant Lecturer (Part time)- Al-Balqa Applied University, Ajloun University College.

**Publications:**

#	Title	Publisher	Year/ Issue (Vol/No)
.1	Health care intelligent system: A neural network based method for early diagnosis of Alzheimer's disease using MRI images	Expert Systems	Vol.39, no. (9), pp. e13003. 2021
.2	A pansharpener based on the non-subsampled contourlet transform and convolutional autoencoder: Application to QuickBird imagery.	IEEE Access.	Vol. 22, no. 10, pp. 44778-88. 2022
.3	Deep convolutional neural network-based system for fish classification.	International Journal of Electrical and Computer Engineering	Vol. 12, no. 2, 2022, pp.2026.
.4	SEL-COVIDNET: An intelligent application for the diagnosis of COVID-19 from chest X-rays and CT-scans	Informatics in Medicine Unlocked	Vol. 32, 2022, pp. 101059.
.5	Pansharpener based on convolutional autoencoder and multi-scale guided filter.	EURASIP Journal on Image and Video Processing.	2021Dec, vol. 1, pp. 1-20.
.6	Smart pansharpener approach using kernel-based image filtering.	IET Image Processing.	2021 Sep, vol. 15, no. 11, pp. 629-42.
.7	Fog computing scheduling algorithm for smart city.	International Journal of Electrical & Computer Engineering	Vol. 11, no. 3, 2021.
.8	Files cryptography based on one-time pad algorithm.	International Journal of Electrical & Computer Engineering	Vol. 11, no. 3, 2021.
.9	A transfer learning approach for early diagnosis of Alzheimer's disease on MRI images.	Neuroscience	Vol. 460, pp. 43-52, 2021.
.10	Pansharpener via deep guided filtering network.	International Journal of Image Processing and Visual Communication	Vol. 5, pp. 1-8, 2018.

**Books:**

#	Book Title	Publisher	Year
.1			
.2			



.3			
.4			
.5			

**Translated Books:**

#	Book Title	Publisher	Year
.1			

**Articles:**

#	Article Title	Publisher	Year
.1			

**Conferences:**

#	Paper Title	Organizing Institution	Conference
.1	RFID in Health care: A review of the real-world application in hospitals	Acadia University/ Procedia Computer Science/ Elsevier	The 14th International Conference on Ambient Systems, Networks and Technologies (ANT), Leuven, Belgium
.2	Information Systems in Medical Settings: A Covid-19 Detection System Using X-Ray Scans	Kasetsart University, Chalermphrakiat Sakon Nakhon Province Campus Publisher/IEEE	26th International Computer Science and Engineering Conference (ICSEC)
.3	Smart Health Care System for Early Detection of COVID-19 Using X-ray Scans	Aksaray university and Czech university of life sciences prague Publisher/IEEE	2022 international conference on electrical, computer and energy technologies (ICECET)
.4	Smart RFID application in health care: Using RFID technology for smart inventory and logistic systems in hospitals	MIPRO)   IEEE Conference	45th Jubilee International Convention on Information, Communication and



			Electronic Technology (MIPRO)
.5	Evaluation of E-learning Experience in the Light of the Covid-19 in Higher Education	Acadia University/ Procedia Computer Science/ Elsevier	The 13th International Conference on Ambient Systems, Networks and Technologies (ANT) March 22 - 25, 2022, Porto, Portugal
.6	Brain Image Fusion Approach based on Side Window Filtering	Acadia University/ Procedia Computer Science/ Elsevier	International Workshop on Emerging Advancements and Technologies in Healthcare (EATH 2021) Leuven, Belgium
.7	An intelligent information system and application for the diagnosis and analysis of COVID-19	Lecture Notes in Networks and Systems book series/ Springer International Publishing	Intelligent Computing & Optimization: Proceedings of the 4th International Conference on Intelligent Computing and Optimization 2021 (ICO2021)
.8	Vehicle counting using detecting-tracking combinations: A comparative analysis	Xidian University-China Publisher/ ACM Digital Library	Proceedings of the 2020 4th International Conference on Video and Image Processing
.9	Data Mining in Health Care Sector: Literature Notes	Queensland University of Technology, City University of Hong Kong. Publisher/ ACM Digital Library	Proceedings of the 2019 2nd International Conference on Computational Intelligence and Intelligent Systems
10.	Healthcare Applications of Intelligent Information Systems: A Novel Technique for Medical Image Fusion	University of Crete/SCITEPRESS Digital Library	5th International Conference on Information and Communication Technologies for Ageing Well and e-Health
11.	Intelligent information systems and image processing: A novel pan-sharpening technique based on Multiscale decomposition	Kyoto University, TU. Publisher/ ACM Digital Library	Proceedings of the 2018 2nd International



			Conference on Video and Image Processing
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**Supervision of Theses:**

#	Year	University	Thesis Title	Student Name
.1				

**Community Service Activities**

#	Duration	Activity
1		
2		
3		

**Personal Information**

Name	Ahmad AL Smadi	
Place and Date of Birth	Anjara, 05-Sep-1991	
Nationality	Jordanian	
Marital Status	Single	
Address	Anjara-Ajlune	
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