



Dr. Anas Mahmoud Al-Oraiqat

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Faculty of Information Technology / Computer Science

Academic Rank: Assistant Professor

Membership:

1	Member of Jordan Engineers Association (JEA) Council.
2	Member of the International Center for Higher Education and Universities Affairs
3	IEEE Membership

Qualifications:

1	PhD Computer Systems and Components, Donetsk National Technical University , Ukraine, 2011. **Title of Dissertation: Methods and Hardware-Software Capabilities Generating Voxel Graphic Primitives for 3D Display Devices.
2	M.S Computer Systems and Networks, Kirovograd National Technical University , Ukraine, 2004.
3	B.S Computer Engineering, Kirovograd National Technical University , Ukraine, 2003.

**Teaching Experience:**

#	From	To	Job description
1	Oct. 2024	Now	Assistant Professor, Computer Science Dept., Zarqa University, Jordan
2	Sep. 2020	July 2024	Assistant Professor, Cyber Security Dept., Onaizah Colleges, Saudi Arabia
3	August 2012	August 2020	Assistant Professor, Computer Science & Information Dept., Taibah University, Saudi Arabia

Publications:

#	Title	Publisher	Year/ Issue (Vol/No)
1.	Spatiotemporal crowds features extraction of infrared images using neural network	Springer "Journal of Ambient Intelligence and Humanized Computing"	Vol. 15, Issue 4, 2024
2.	A Method for Determining the Quality of Metal Surface Treatment Using Computer Vision Technologies in Real-Time	Sensors	Vol. 22, Issue 16, 2022
3.	Modeling Strategies for Information Influence Dissemination in Social Networks	Springer "Journal of Ambient Intelligence and Humanized Computing"	Vol. 13, Issue 5, 2021
4.	The Improved Model of User Similarity Coefficients Computation for Recommendation Systems	Kharkiv Polytechnic Institute "Advanced Information Systems"	Vol. 4, Issue 3, 2020
5.	3D Primitives GPGPU Generation for Volume Visualization in 3D Graphics Systems	Journal Of King Abdulaziz University: Computing and Information Technology Sciences	Vol. 9, Issue 2, 2020
6.	3D Pseudo Stereo Visualization with GPGPU Support	Journal Of King Abdulaziz University: Computing and Information Technology Sciences	Vol. 9, Issue 2, 2020
7.	Modis Derived Sea Surface Salinity, Temperature and Chlorophyll-A Data for Potential Fish Zone Mapping: West Red Sea Coastal Areas, Saudi Arabia	Sensors	Vol. 19, Issue 9, 2019



8.	Spatial Visualization Systems of The Environment	Springer “3D Research”	Vol. 9, Issue 16, 2018.
9.	Parallel Computer System for 3D Visualization Stereo on GPU	Springer “3D Research”	Vol. 9, Issue 7, 2018

Books:

#	Book Title	Publisher	Year
1.	Effective Realistic Volume Visualization in 3D Graphics Systems	LAP LAMBERT Academic Publishing	2018
2.	Spatial Visualization Via Real Time 3D Volumetric Display Technologies	LAP LAMBERT Academic Publishing	2018

Personal Information

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