

Date 10-3-2023

MANAR ABDULJABBAR AHMAD MIZHER



PERSONAL INFORMATION

Title: Faculty Member

Academic Rank: Assistant Professor

Date & Place of Birth: 29-10 Kuwait

Nationality: Jordanian

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ACADEMIC QUALIFICATIONS

Degree	Major	Duration (From-To)	University	Country
Doctor of Philosophy (Ph.D.)	Computer Science (Visual Informatics and its Security)	31-8-2013/17-4- 2019	University Kebangsaan Malaysia (UKM)	Malaysia
Master of Science (MSc)	Computer Science (CS)	31-8-2006/31-1- 2010	The university of Jordan	Jordan
Bachelor of Science (BSc)	Computer Science (CS)	31-8-2003/27-5- 2005	Al-Zaytoonah University Of Jordan	Jordan
Diploma	Information Technology (IT)	31-8-2001/2003	Al-Zarqa University College	Jordan

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TEACHING EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
1-9-2022-Present	Assistant Professor	Amman Arab University	Cyber Security/Faculty of Computer Sciences and Informatics	Jordan
1-10-2019- 31-8-2022	Assistant Professor	Amman Arab University	Mobile Computing/Faculty of Computer Sciences and Informatics	Jordan
14-11-2018- 28-2-2019	Research Assistant (RA)	Qatar University	Research & Graduate Studies College of Engineering / Kindi Center	Qatar
28-11-2006-16-2-2013	Information Technology Teacher	The United Nations Relief Works Agency Qortoba College	UNRWA schools	Jordan
8-9-2005-20-11-2006	Information Technology Lecturer and Lab Supervisor	Qortoba College	College of Education and College of Business Administration	Jordan

OTHER EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
Reviewer		PLOS ONE Journal articles related to deep learning and video processing		
Master thesis internal examiner	Assistant Professor	Amman Arab University	Computer Science/ Master	Jordan

PUBLICATIONS						
JOURNALS						
Author/s (In Order)	Title	Journal	Vol./No.	Publication Date		
Salah Mosa I., Mazhar Ahmad A., Mizher Manar A.	Optimization of Video Cloud Gaming Using Fast HEVC Video Compression Technique	International Journal of Advances in Soft Computing and its Applications	Vol. 13, Issue 3, Pages 249-265	2021		
AHMAD A. MAZHAR, MANAR A. MIZHER	Efficient video Encoding Acceleration for cloud gaming	Journal of Theoretical and Applied Information Technology	30th September 2020. Vol.98. No 18, p.p 3756-3766	2020		
Manal A Mizher, Riza Sulaiman, Ayman M Abdalla, Manar A Mizher	improved simple flexible cryptosystem for 3D objects with texture maps and 2D images	Journal of Information Security and Applications	Vol 47, 390-409, doi: https://doi.org/10.1016/j.jisa.2019.06.005	2019		
Manal A. Mizher, Riza Sulaiman, Ayman M Abdalla, Manar A. Mizher	A simple flexible cryptosystem for meshed 3D objects and images	Journal of King Saud University - Computer and Information Sciences	doi: https://doi.org/10.1016/j.jksuci.2019.03.008	2019		
Manar Abduljabbar Ahmad Mizher, Ang Mei Choo, Siti Norul Huda Sheikh Abdullah, Kok Weng Ng	An Improved Action Key Frames Extraction Algorithm for Complex Colour Video Shot Summarization	Journal of Information and Communication Technology (JICT)	Vol.18, issue 2, pp. (143-166)	2019		
Manar A. Mizher, Mei Choo Ang, Ahmad A. Mazhar Manar A. Mizher,	A meaningful Compact Key Frames Extraction in Complex Video Shots	Indonesian Journal of Electrical Engineering and Computer Science	Vol.7, No.3, pp.(828-839)	2017		
Mei Choo Ang, Ahmad A Mazhar, Manal A. Mizher Manar A. Mizher,	A review of video falsifying techniques and video forgery detection techniques	International Journal of Electronic security and digital forensics	Vol.9, No.3, (2017), pp.(191-209)	2017		
SALEH H AL-SHARAEH, MEI CHOO ANG, AYMAN M ABDALLA, MANAL A. MIZHER	Centroid Dynamic Sink Location for Clustered Wireless Mobile Sensor Networks	Journal of Theoretical and Applied Information Technology	Vol.73 No.3, pp.(481-491).	2015		
MANAL A. MIZHER, SALEH H AL-SHARAEH, RIZA SULAIMAN, MANAR A MIZHER	Bandwidth Provisioning Scheme for 3D Wireless Sensor Networks	Journal of Theoretical and Applied Information Technology	Vol.75. No.1, pp.(25-35)	2015		

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CONFERENCES				
Author/s (In Order)	Title	Conference	Country	Date
Manar Mizher, Rami Sihwail, Mohammed Bany Baker, Ahmad Mazhar, Manal Mizher and Dyala Ibrahim	A Review of Cybersecurity for Internet-of-Things Based Next Generation Healthcare Networks	International Computer Sciences and Informatics Confer ence (ICSIC-2022)	Amman-Jordan	28-29 June- 2022
Mohammed Bani Baker, Rami Sihwail and Manar Mizher	Integrating Cyber security Factors with TAM Framework for Implementation in the Jordanian Banks	International Computer Sciences and Informatics Confer ence (ICSIC-2022)	Amman-Jordan	28-29 June- 2022
MANAR A. MIZHER, AHMAD A. MAZHAR, MANAL A. MIZHER	A review of Mobile Cloud Computing in Education during the Covid-19 Pandemic in Jordan	The International Conference on Computer, Control, Informatics and its Applications (IC3INA 2021)	Indonesia	5-7 October-2021
Manar Abduljabbar Mizher, Mei Choo Ang, Siti Norul Huda Sheikh Abdullah, Kok Weng Ng, Ahmad A Mazhar, Manal Abd-Aljabbar Mizher	Passive Object-based Video Authentication Using Stereo Statistical Descriptor on Wavelet Decomposition	2021 International Conference on Information Technology (ICIT)	Amman-Jordan	14-15 July 2021
Manar Abduljabbar Ahmad Mizher, Mei Choo Ang, Siti Norul Huda Sheikh Abdullah, Kok Weng Ng	Action Key Frames Extraction Using L1- Norm and Accumulative Optical Flow for Compact Video Shot Summarisation	Advances in Visual Informatics. IVIC'17	Malaysia	2017
MA Mizher, Mei Choo Ang	Hybrid Video Moving Objects Detection System	The Second Visual Informatics International Seminar 2014 (VIIS'14)	Malaysia	2014

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BOOKS				
Author/s (In Order)	Title	Publisher	Edition	Date

MEMBERSHIPS OF SCIENTIFIC AND PROFESSIONAL SOCIETIES

UNIVERSITY COMMITTEES

Amman Arab University - 2019/2023:

- Member of the University Council.
- Head/ Member of several committees at the university and college levels.
- Organizer of many competitions at the university and college level:
 1. The university's annual competition for educational films.
 2. Thesis competition in five minutes for postgraduate studies
 3. Website design and development competition.

WORKSHOPS ATTENDED

Attended several specialized development workshops, such as:

- Questionnaire design on Google
- Robotic programming
- EON-XR educator
- Summer camp for cyber security skills

WORKSHOPS OFFERED

Lecturer / Digital Forensic Evidence - Amman Arab University.
Lecturer / Educational videos Design - Amman Arab University.
Lecturer / Digital Marketing Journalism - Amman Arab University.
Lecturer / writing a professional CV - Amman Arab University.
Lecturer / The relationship between OOP & DS - Amman Arab University.
Lecturer / Designing virtual and augmented reality lessons on the EON-XR platform - Amman Arab University.
Lecturer / Cyber Security - Knowledge Generations Academy and Schools
Participant / academic development plan workshops - Amman Arab University.

RESEARCH INTERESTS

1. Digital Forensics
2. Video Authentication and summarization
3. Deep Learning
4. Cryptography Systems
5. Video summarization
6. Machine Learning
7. Encoding systems for visual information
8. Virtual environments (Metaverse) and their security
9. Secure protocols
10. Artificial intelligence and machine learning

LANGUAGES

Arabic (Native)
English (Excellent)

OTHER COMMUNITY ACTIVITIES

AWARDS RECEIVED

- Gain a fund for a scientific cyber security research project from the Scientific Research and Innovation Support Fund (ICT/1/9/2022)
- Young writer merit award: 5th International Visual Informatics Conference (IVIC'17), November 2017 Putrajaya, Malaysia

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GRADUATE STUDENTS SUPERVISION

Student Name	Thesis Title
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REFERENCES

Name	Job Position	University	Contact information
1. Dr. Husam A. Al Hamad	Assistant President for Planning and Quality Assurance Dean, Faculty of Computer Sciences and Informatics	Amman Arab University	Tel. : +962 6 4791400 Ext. 250
2. Dr. Ahmad M. Khasawneh	Head of SE, MC, and CYS Departments	Amman Arab University	Tel. : +962 6 4791400 Ext. 110
3. Prof. Abdelfatah Aref Tamimi	Dean of Faculty of Science and Information Technology	Al-Zaytoonah University of Jordan	drtamimi@zuj.edu.jo (+962-6-4291511 ext. 391)
4. Asso. Prof. Ayman Abdalla	Associate Professor of Computer Science	Al-Zaytoonah University of Jordan	ayman@zuj.edu.jo (+962-6-4291511)
5. Dr Ang Mei Choo	Postgraduate Program Coordinator & Research Fellow	Universiti Kebangsaan Malaysia	amc@ukm.edu.my Telephone (DL): +603 8921 6071 Telephone (General): +603 8921 6080
6. Asso. Prof. Siti Norul Huda Sheikh Abdullah	Associate Professor of Digital Forensics	Universiti Kebangsaan Malaysia	snhsabdullah@ukm.edu.my (+60 19-237 7984)