Manar Abduljabbar Ahmad Mizher

Nationality: Jordanian
Language: Arabic (Native), English (Very good)
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PROFILE:

I am **an assistant professor at Amman Arab University since 2019**. I teach many programming web and mobile languages with connection to database such as VB.netwith SQLserver, PHP7 with Laravel and mySql, Java, Cross platform Dart with Flutter and SQLflite abd firebase, and teach system analysis and design and networking. I teach 2D/3D game programming using Unity with C#. In addition, I developed an application for complex video authentication to detect forged videos using Artificial Intelligence technique based on Machine learning (SVM) using Matlab. Moreover, I proposed several full automatic algorithms to summarise complex videos. Moreover, I have seven (7) years of education in two institutes in Jordan. Within these institutes, I have had the opportunity to deal with students and teach different information technology subjects at different levels. Therefore, I improved my teaching and organizational skills, teamwork, achieve goals under work pressure, attention to detail, and perform the tasks with speed, accuracy, and consider the timetable deadlines. I desire to bring the knowledge and insight gained through these various experiences to your academic staff.

My URLs (Google Scholar): https://scholar.google.com/citations?user=x79M7y8AAAAJ&hl=en

(Scopus): https://www.scopus.com/authid/detail.uri?authorId=56580381100

(Research gate): https://www.researchgate.net/profile/Manar_Mizher

(LinkedIn): https://jo.linkedin.com/in/manar-mizher-9737541ab

EDUCATION:

Scientific Degree/	Major/ Specialization	Graduation University	QS World University Rankings (2021)	Country	Language of study	Admission date	Graduation date	Average
Doctor of Philosophy (Ph.D.)	Computer Science (Visual Informatics)	University Kebangsaan Malaysia (UKM)	141	Malaysia	English	31-8-2013	17-4-2019	4 of 4
Master of Science (MSc)	Computer Science (CS)	The university of Jordan	601-650	Jordan	English	2006	31-1-2010	3.75 of 4
Bachelor of Science (BSc)	Computer Science (CS)	Al-Zaytoonah University Of Jordan	-------	Jordan	English	2003	27-5-2005	96.8%

| Diploma | Information Technology (IT) | Al-Zarqa University College | ------- | Jordan | Arabic | 2001 | 2003 | 82.7% 5th rank in Shamel |
| Tawjihe | Scientific Stream | Raya bint Al-hussin High School | ------- | Jordan | Arabic | 1993 | 1994 | 76.4 % |

AWARDS AND CERTIFICATES:

Award/Certificate	Place	Date	Country
Augmented and Virtual Reality (EON-XR) educator (Still enrolled to achieve the certificate by the end of Sep.2021)	Amman Arab University	September 2021	Jordan
Sensors, Actuators interfacing and programming	Robotics and AI incubator at Amman Arab University	September 2020	Jordan
Young writer merit award	5th International Visual Informatics Conference (IVIc'17)	November 2017	Putrajaya, Malaysia
English Proficiency and Placement Test/ EPPT	UKM University	2013	Malaysia
Cisco Networks	Al-Zarqa University College	2002	Jordan
Teacher Educational Training Course	UNRWA	Aug.2008 to Fab. 2010	Jordan

EXPERIENCE:

Job Title	Employer	Country	Starting date	Ending date	Experience notes
Assistant Professor	Amman Arab University	Jordan	16-10-2019	present	- lecturer (programming languages) - supervise and Referee committee on graduate projects of students - Head/member of several university and faculty committees
Research Assistant (RA)	Qatar University (Research & Graduate Studies College of Engineering / Kindi Center)	Qatar	14-11-2018	28-2-2019	Project No. NPRP10-0125-170250 (Cyber Security For Next-Generation Healthcare In Qatar)
Information Technology Teacher	The United Nations Relief Works Agency (UNRWA)	Jordan	28-11-2006	16-2-2013	More than 6 years
Information Technology Lecturer and Lab Supervisor	Qortoba College	Jordan	8-9-2005	20-11-2006	1 year
Reviewer	PLOS ONE Journal articles related to deep learning and video processing				

RESEARCH INTEREST:

Digital Forensics	Video Authentication	Video summarization	Machine Learning
Cryptography Systems	3D Objects		

PUBLICATIONS:

	Journal Articles					
No.	Article Title	Journal Name	Year	Information	Relation	Indexing
1	Efficient Video Encoding Acceleration for Cloud Gaming	Journal of Theoretical and Applied Information Technology	2020	Vol.98. No 18	Co-author	Scopus
2	An improved simple flexible cryptosystem for 3D objects with texture maps and 2D images	Journal of Information Security and Applications	2019	Vol 47, 390-409, doi: https://doi.org/10.1016/j.jisa.2019.06.005	Co-author	Clarivate IF 1.537 /Scopus
3	A simple flexible cryptosystem for meshed 3D objects and images	Journal of King Saud University - Computer and Information Sciences	2019	doi: https://doi.org/10.1016/j.jksuci.2019.03.008	Co-author	Scopus
4	An Improved Action Key Frames Extraction Algorithm for Complex Colour Video Shot Summarization	Journal of Information and Communication Technology (JICT)	2019	Vol.18, issue 2, pp. (143-166)	First author	Scopus
5	A meaningful Compact Key Frames Extraction in Complex Video Shots	Indonesian Journal of Electrical Engineering and Computer Science	2017	Vol.7, No.3, pp.(828-839)	First author	Scopus
6	A review of video falsifying techniques and video forgery detection techniques	International Journal of Electronic security and digital forensics	2017	Vol.9, No.3, (2017), pp.(191-209)	First author	Scopus
7	Centroid Dynamic Sink Location for Clustered Wireless Mobile Sensor Networks	Journal of Theoretical and Applied Information Technology	2015	Vol.73 No.3, pp.(481-491).	First and Corresponding author	Scopus
8	Bandwidth Provisioning Scheme for 3D Wireless Sensor Networks	Journal of Theoretical and Applied Information Technology	2015	Vol.75. No.1, pp.(25-35)	Co-author	Scopus

	Conference Proceedings					
No.	Proceeding Title	Conference Name	Year	Information	Relation	Indexing
1	A review of Mobile Cloud Computing in Education during the Covid-19 Pandemic in Jordan	IC3INA 2021	2021	Accepted	First author, will presented on October 2021	Scopus, ACM Proceedings
2	Passive Object-based Video Authentication Using Stereo Statistical Descriptor on Wavelet Decomposition	ICIT2021	2021	pp. 791-798, doi: 10.1109/ICIT5268 2.2021.9491747	First author, Presenter	Scopus, IEEE Proceedings
3	A review of Mobile Cloud Computing in Education during the Covid-19 Pandemic in Jordan	The 4th ICCTME	2021	Presented	First author, Presenter	UTM conference webinar
4	Action Key Frames Extraction Using L1-Norm and Accumulative Optical Flow for Compact Video Shot Summarisation	Advances in Visual Informatics. IVIC'17	2017	Vol 10645	First author, Presenter	Scopus
5	Hybrid Video Moving Objects Detection System	The Second Visual Informatics International Seminar 2014 (VIIS'14)	2014	pp.(46-52)	First author	Malaysia Research and Education Network (7th MYREN Conference)

SKILLS:

The ability to teach:

- 2D/3D Game programming: Unity with C#.
- Robot programming: Arduino.
- Website design and programming (Full Stack): HTML5, DHTML, JavaScript, CSS, PHP7 with MySQL (Xampp/Laravel framework).
- Desktop application programming languages such as C++, Java, VB.net with SQLserver.
- Mobile application programming (Full Stack): Dart and Flutter with SQflite/Firebase.
- Artificial intelligence programming/Machine learning: Matlab.
- Office programming using VBA, Access, Ms Word etc.
- **Other subjects**: System Analysis and Design, Database, algorithms and data structure.
- **Academic writing:** using Latex, Mendeley, and EndNote (Windows and Ubuntu operating systems).

REFERENCES:

Name	Job Position	University	Contact information
Asso. Prof. Husam Al-Hamad	Assistant President for Strategic Planning and Project Management Dean, Faculty of Computer Sciences and Informatics	Amman Arab University	hhamad@aau.edu.jo +962 6 4791400 Ext. 250
Asso. Prof. Ahmad Mazher	Associate Professor of Multimedia	Luminus Education	+962 7 8919 1391
Prof. Abdelfatah Aref Tamimi	Dean of Faculty of Science and Information Technology (previously)	Al-Zaytoonah University of Jordan	drtamimi@zuj.edu.jo (+962-6-4291511 ext. 391)
Asso. Prof. Ayman Abdalla	Associate Professor of Computer Science	Al-Zaytoonah University of Jordan	ayman@zuj.edu.jo (+962-6-4291511)
Asso. Prof. Siti Norul Huda Sheikh Abdullah	Associate Professor of Digital Forensics	Universiti Kebangsaan Malaysia	snhsabdullah@ukm.edu.my (+60 19-237 7984)