

CURRICULUM VITAE

Manal Abd Al-Jabbar Ahmad Mizher

*Cyber Security/Faculty of Science and Information
Technology*

Al-Zaytoonah University of Jordan, Amman, Jordan

Phone:

Fax:

E-mail: m.mizher@zuj.edu.jo

Homepage:



1. Personal Data

Date of Birth: 29th Oct 1976

Nationality: Jordanian

2. Education

- Ph.D. (Computer Science (CS)/Visual informatics and its security) 2020, University Kebangsaan Malaysia (UKM), Bandar Baru Bangi, Selangor, Malaysia.
- M.Sc. (Computer Science (CS)) 2009, The University of Jordan, Amman, Jordan.
- B.Sc. (Computer Science (CS)) 2005, Al Zaytoonah University of Jordan, Amman, Jordan.

3. Ph.D. Dissertation

A Flexible Selective Cryptosystem For Meshed 3D Textured Animated Objects And Images Using Cellular Automata, UKM, Bandar Baru Bangi, Selangor, Malaysia.

4. Employment

Academic Positions

- Assistant Professor, Everyone's Smart University, Master Degree, Cybersecurity department, The United Arab Emirates, 15/3/2022 – 1/9/2022
- Computer Lab supervisor, Al al-Bayt University, (Faculty Of Economics and Computer Center), Jordan 1/8/2007 – 1/8/2011
- Computer teacher Al-Rouad center/Zarqa Jordan 1/7/2006 -1/10/2006



QFG11/0110 - 3.1E

Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

- Computer teacher, Zarqa, Ministry of Education- Ein Ghazal, Secondary School, Jordan 2005-2007

5. Research Interests

- Encryption
- Animated 3D object processing
- Network programming and security
- Network Administration
- Sensor Networks and Bandwidth

6. Teaching Experience

- *Graduate Courses*
 - Network programming using Python in Everyone's Smart University for Master degree.
 - OOP

7. Honors and Awards

- Latex, UKM University, 2014, Putrajaya, Malaysia
- Matlab & intelligent data analysis UKM University 2014 Putrajaya, Malaysia
- English Proficiency and Placement Test/ EPPT, UKM University 2014 Putrajaya, Malaysia
- ICDL, Al al-Bayt University, 2010, Jordan
- A letter of thanks from the Dean of the Faculty Of Economics, Al al-Bayt University, 2011, Jordan
- TOEFL, IPT, The university of Jordan, 2009, Jordan
- IT Skills, Soft Skills as part of the UNIFEM/Cisco "Achieving E-Quality in the ICT Sector" program, The Hyatt Amman Hotel 2003 Jordan
- Cisco Networks, Al-Zarqa University College, 2003, Jordan

8. Membership of Committees

- **University**
 - *Examination and Evaluation Committee*

9. Publications

- **Papers in refereed journals**
 - (1) **Mizher, M.A**, Sulaiman, R, Abdalla , A. M, Mizher, M.A; *A simple flexible cryptosystem for meshed 3D objects and images*, Journal of King Saud University - Computer and Information Sciences, Vol 33, Issue 6, July 2021, Pages 629-646
 - (2) **Mizher, M.A**, Sulaiman, R, Abdalla , A. M, Mizher, M.A; *An improved simple flexible cryptosystem for 3D objects with texture maps and 2D*



images, Journal of Information Security and Applications, Vol 47, 2019, 390-409, doi: <https://doi.org/10.1016/j.jisa.2019.06.005>

- (3) **Mizher, M.A.**, Al-Sharaeh, S.H., Sulaiman, R., Mizher, M.A; *Bandwidth provisioning scheme for 3D wireless sensor networks*, Journal of Theoretical and Applied Information Technology, Vol 75, Issue 1, 10 May 2015, Pages 25-35
- (4) Mizher, M.A., Ang, M.C., Mazhar, A.A., **Mizher, M.A.**; *A review of video falsifying techniques and video forgery detection techniques*, International Journal of Electronic Security and Digital Forensics, Vol 9, Issue 3, 2017, Pages 191-208
- (5) Mizher, M.A., Al-Sharaeh, S.H., Ang, M.C.; Abdalla, A.M., **Mizher, M.A.**; *Centroid dynamic sink location for clustered wireless mobile sensor networks*, Journal of Theoretical and Applied Information Technology, Vol 73, Issue 3, 1 March 2015, Pages 481-491

- **Books and Book Chapters**

- (1) R. Sulaiman, **M.A. Mizher**, A. Ahmadian, A.M.A. Abdalla; *Cryptosystem for Meshed 3D through Cellular Automata*, Soft Computing Approach for Mathematical Modeling of Engineering Problems, 1st Edition, 2021, Pages18, eBook ISBN9781003138341

- **Conference Presentation**

- (1) **Mizher, M.A.**, R. Sulaiman; *Robotic Movement Encryption Using Guaranteed Cellular Automata*, CYBER RESILIENCE CONFERENCE. 2018 (CRC 2018), IEEE (Putrajaya, Malaysia, 2018, pp. 1- 3, 10.1109/CR.2018.8626820.)
- (2) Mizher, M.A, Mazhar, A.A, **Mizher, M.A.**; *A review of Mobile Cloud Computing in Education during the Covid-19 Pandemic in Jordan*, The 2021 International Conference on Computer, Control, Informatics and Its Applications, October 2021, Pages 187–193, <https://doi.org/10.1145/3489088.3489101>
- (3) Mizher, M. A., Choo Ang , M., Huda Sheikh Abdullah , S. N., K., Weng Ng , Mazhar , **Mizher, A. M.**; *Passive Object-based Video Authentication Using Stereo Statistical Descriptor on Wavelet Decomposition*, 2021 International Conference on Information Technology (ICIT), 2021, pp. 791-798, doi: 10.1109/ICIT52682.2021.9491747
- (4) Mizher, M.A, Mazhar, A.A, **Mizher, M.A.**; *A review of cybersecurity for internet of things based on next generation healthcare networks*, The 4th international computer sciences and informatics conference, 2022.