CURRICULUM VITAE

Eman Mohammad Abu Maria

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1. Personal Data

Date of Birth: 3/10/1979
Nationality: Jordanian

2. Education

- M.Sc. (Computer Information Systems) 2005, The Arab Academy for Management, Banking and financial Sciences, Amman, Jordan.
- B.Sc. (Computer Science) 2001, Al Zaytoonah University of Jordan, Amman, Jordan.

3. Employment

Academic Positions

Teacher, Department of Computer Information Systems, Al Zaytoonah University of Jordan, Amman, Jordan.

4. Research Interests

- Information Security
- Network Security
- Steganography
- Artificial Intelligent

5. Membership in Scientific Societies and Associations
- IEEE Member
- ACM Member

6. Teaching Experience

- *Undergraduate Courses*

- Principles of Programming.
- Introduction to Information Technology.
- Web Design (HTML, JavaScript and CSS)
- Ready Packages (Adobe Flash, C4D)
- Computer Pre-Skills.

7. Membership of Committees

- **University**

- E - Learning Committee
- Study Plans Committee
- Q.A. Committee
- Study and optimization plans Committee
- Website Development Committee
- Marketing Committee of the CIS and Cys Department
- Media Committee of the College

8. Professional and Scientific Meetings

Scientific Meetings Organized
- Organizing Committee in the 1th International Conference on Information Technology, ICIT2003, AL-Zaytoonah University of Jordan, Amman – Jordan, 2003.
- Organizing Committee in the 2th International Conference on Information Technology, ICIT2005, AL-Zaytoonah University of Jordan, Amman – Jordan, 2005.
- Organizing Committee in the 3th International Conference on Information Technology, ICIT2007, AL-Zaytoonah University of Jordan, Amman – Jordan, 2007.
- Organizing Committee in the 4th International Conference on Information Technology, ICIT 2009, AL-Zaytoonah University of Jordan, Amman – Jordan, 2009.

- − Organizing Committee in the 5th International Conference on Information Technology, ICIT 2011, AL-Zaytoonah University of Jordan, Amman – Jordan, 2011.
- − Organizing Committee in the 1st Information Technology Colloquium, Computer Information Systems Department, Al-Zaytoonah University of Jordan, Amman – Jordan, 2010.
- − Organizing Committee in the 2nd Information Technology Colloquium, Computer Information Systems Department, Al-Zaytoonah University of Jordan, Amman – Jordan, 2012.
- − Editing Committee in the 6th International Conference on Information Technology, ICIT 2013, AL-Zaytoonah University of Jordan, Amman – Jordan, May, 2013.
- − Editing Committee in the 8th International Conference on Information Technology, ICIT 2017, AL-Zaytoonah University of Jordan, Amman – Jordan, May, 2017.
- − Editing Committee in the 9th International Conference on Information Technology, ICIT 2019, AL-Zaytoonah University of Jordan, Amman – Jordan, April, 2019.
- − Publication Committee in the 9th International Conference on Information Technology, ICIT 2019, AL-Zaytoonah University of Jordan, Amman – Jordan, April, 2019.
- − Editing Committee in the 10th International Conference on Information Technology, ICIT 2021, AL-Zaytoonah University of Jordan, Amman – Jordan, July, 2021.
- − Publication Committee in the 10th International Conference on Information Technology, ICIT 2021, AL-Zaytoonah University of Jordan, Amman – Jordan, July, 2021.

Participation in Scientific meetings

- − Participate in the 9th International Conference on Information Technology, ICIT 2019, Data Science, AL-Zaytoonah University of Jordan, Amman – Jordan, April, 2019.
- − Participate in the 10th International Conference on Information Technology, ICIT 2021, Data Science, AL-Zaytoonah University of Jordan, Amman – Jordan, July, 2021.

9. **Publications**

- N. Kamel Heba, A. Alia Mohammad, A. Al Saeq Bara'ah and **Abu Maria Eman**, *A Secure E- Medical Exemption System (E-MES): Jordan Case,*

(International Journal of Network Security & Its Applications (IJNSA), Vol.9, No.2, 2017.

- Khulood Abu Maria, A. A. Nagham, Tarek Kanan and **Eman Abu Maria,** *Using Cognitive Agent in Manufacturing Systems,* Journal of Theoretical & Applied Information Technology (JTAIT), Vol. 95, No. 10, 2017.

- Mohammad A. Alia, Adnan A. Hnaif, Ayman M. Abdalla and **Eman Abu Maria,** *An Improved Authentication Scheme Based on Graphical Passwords,* Innovative Computing, Information and Control (ICIC) Express Letters, Vol. 12, No. 8, August 2018, Pages (775-783).

- Nagham Azmi AL-Madi, Khulood Abu Maria, **Eman Abu Maria** and Mohammad Azmi AL-Madi, *A Structured-Population Human Community Based Genetic Algorithm (HCBGA) in a Comparison with Both the Standard Genetic Algorithm (SGA) and the Cellular Genetic Algorithm (CGA),* Innovative Computing, Information and Control (ICIC) Express Letters, Vol. 12, No. 12, 2018, Pages (1267-1275).

- **Eman Abu Maria**, Khulood Abu Maria, and Mohammad Ahmad Alia, "*Smart Agents in the Business Information System,*" ICIC Express Letters, Volume 13, Number 10, 2019.

- Khulood Abu Maria**,** Mohammad A. Alia, Maher A. Alsarayreh and **Eman Abu Maria,** UN-Substituted Video Steganography, KSII Transactions on Internet and Information Systems, Vol. 14,No. 1, January 31, 2020.

- Ahmad A.A. Alkhatib , Mohammed W. Elbes and **Eman M. Abu Maria**, "*Improving Accuracy of Wireless Sensor Networks Localisation based on Communication Ranging*", IET Intelligent Transport Systems, Vol.14 No. 18 July 30,2020 Page 3184-3193.

- Mohammad Abduljawad, Amal Ahmad, Khalid Mohammad Jaber, Ahmad Al Thunaibat, **Eman Abu Maria**, Ahmad Khasawneh, Haneen Hijazi, "*Evaluating and Adopting E-learning Systems in Al-Zaytoonah University of Jordan*"**,** Int. J. Advance Soft Compu. Appl, Vol. 12, No. 3, November 2020.

- Ahmad A.A. Alkhatib, Khulood Abu Maria, Shadi Alzu'bi, **Eman Abu Maria**, "*Novel System for Road Traffic Optimisation in Large Cities*", *IET Smart Cities*. IET (2022).

- Ahmad A.A. Alkhatib, Khulood Abu Maria, Shadi Alzu'bi, **Eman Abu Maria,** *"Smart Traffic Scheduling for Crowded Cities Road Networks", Egyptian Informatics Journal. Elsiver (2022).*

10. Conferences

- Mohammad A. Alia, Khulood Abu Maria, Maher A. Alsarayreh **Eman Abu Maria** and Sally Almanasra, *An Improved Video Steganography: Using Random Key-Dependent*, 2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT), 2019.
- Ahmad A.A. Alkhatib, Zeyad Mohammad, **Eman Abu Maria**, *"ROAD TRAFFIC Management SOLUTIONS*", International Conference on Information Technology (ICIT), 2021
- NA Al-Madi, KA Maria, MA Al-Madi, MA Alia, **Eman Abu Maria**," *An intelligent Arabic chatbot system proposed framework*", 2021 International Conference on Information Technology (ICIT), P 592-597, 2021.