



## CURRICULUM VITAE

**Eman Mohammad Abu Maria**

*Department of Computer Information Systems / Faculty of Science and Information  
Technology, Al Zaytoonah University of Jordan, Amman, Jordan*

*Phone:*

*Fax: +962-6-4291432*

*E-mail: eman.maria@zuj.edu.jo*

### 1. Personal Data

Nationality: Jordanian

### 2. Education

- M.Sc. (Computer Information Systems) The Arab Academy for Management, Banking and financial Sciences, Amman, Jordan.
- B.Sc. (Computer Science) 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



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- 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 1<sup>th</sup> International Conference on Information Technology, ICIT2003, AL-Zaytoonah University of Jordan, Amman – Jordan, 2003.
- Organizing Committee in the 2<sup>th</sup> International Conference on Information Technology, ICIT2005, AL-Zaytoonah University of Jordan, Amman – Jordan, 2005.
- Organizing Committee in the 3<sup>th</sup> International Conference on Information Technology, ICIT2007, AL-Zaytoonah University of Jordan, Amman – Jordan, 2007.
- Organizing Committee in the 4<sup>th</sup> International Conference on Information Technology, ICIT 2009, AL-Zaytoonah University of Jordan, Amman – Jordan, 2009.
- Organizing Committee in the 5<sup>th</sup> International Conference on Information Technology, ICIT 2011, AL-Zaytoonah University of Jordan, Amman – Jordan, 2011.



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- Organizing Committee in the 1<sup>st</sup> Information Technology Colloquium, Computer Information Systems Department, Al-Zaytoonah University of Jordan, Amman – Jordan, 2010.
- Organizing Committee in the 2<sup>nd</sup> Information Technology Colloquium, Computer Information Systems Department, Al-Zaytoonah University of Jordan, Amman – Jordan, 2012.
- Editing Committee in the 6<sup>th</sup> International Conference on Information Technology, ICIT 2013, AL-Zaytoonah University of Jordan, Amman – Jordan, May, 2013.
- Editing Committee in the 8<sup>th</sup> International Conference on Information Technology, ICIT 2017, AL-Zaytoonah University of Jordan, Amman – Jordan, May, 2017.
- Editing Committee in the 9<sup>th</sup> International Conference on Information Technology, ICIT 2019, AL-Zaytoonah University of Jordan, Amman – Jordan, April, 2019.
- Publication Committee in the 9<sup>th</sup> International Conference on Information Technology, ICIT 2019, AL-Zaytoonah University of Jordan, Amman – Jordan, April, 2019.
- Editing Committee in the 10<sup>th</sup> International Conference on Information Technology, ICIT 2021, AL-Zaytoonah University of Jordan, Amman – Jordan, July, 2021.
- Publication Committee in the 10<sup>th</sup> International Conference on Information Technology, ICIT 2021, AL-Zaytoonah University of Jordan, Amman – Jordan, July, 2021.
- Publication and Editing Committee in the 10<sup>11</sup> International Conference on Information Technology, ICIT 2023, AL-Zaytoonah University of Jordan, Amman – Jordan, July, 2023.

#### ***Participation in Scientific meetings***

- Participate in the 9<sup>th</sup> International Conference on Information Technology, ICIT 2019, Data Science, AL-Zaytoonah University of Jordan, Amman – Jordan, April, 2019.
- Participate in the 10<sup>th</sup> International Conference on Information Technology, ICIT 2021, Data Science, AL-Zaytoonah University of Jordan, Amman – Jordan, July, 2021.
- Participate in the 11<sup>th</sup> International Conference on Information Technology, ICIT 2023, Cybersecurity Challenges for Sustainable Cities, AL-Zaytoonah University of Jordan, Amman – Jordan, August, 2023.



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## 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. Elservier (2022).



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- Nagham A Al-madi, Khulood A Abu Maria, Mohammad A Al-madi, **Eman A Abu Maria,**” *An Intelligent Arabic Chatbot System to Reduce Admissions Department Burdens*” May (2023).

## 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.
- Salam Hamdan, Manal Mizher, Hani Mimi, Eman Abu Maria, Abdullah Mubarak Heyari, “*Feature Extraction with Differential Evolution Algorithm*”, International Conference on Information Technology (ICIT) August 2023