

## CURRICULUM VITAE

### **Khulood Mohammad Jamil Abu Maria**

*Department of Computer Information Systems / Faculty of  
Science and Information Technology, Al Zaytoonah  
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#### **1. Personal Data**

Date of Birth: 30/03/1971

Nationality: Jordanian

#### **2. Education**

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| <ul style="list-style-type: none"> <li>• PhD (Computer Information Systems) 2008, The Arab Academy for Management, Banking and Financial Sciences, Amman, Jordan.</li> </ul> |
| <ul style="list-style-type: none"> <li>• M.Sc. (Information Technology) 2003, Al Neelain University, Amman, Jordan.</li> </ul>   |
| <ul style="list-style-type: none"> <li>• B.Sc. (Computer Science) 1992, Mu'tah University, Karak, Jordan.</li> </ul>   |

#### **3. PhD. Dissertation**

*Agent-Based Emotional Intelligent Model with Applications, The Arab Academy for Management, Banking, and Financial Sciences, Amman, Jordan.*

#### **4. Employment**

##### **Academic Positions**

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| <ul style="list-style-type: none"> <li>• Associate Prof. of Computer Information Systems, Department of Computer Information Systems, Al Zaytoonah University of Jordan, Amman, Jordan, Feb. 2009 – Present.</li> </ul> |
| <ul style="list-style-type: none"> <li>• Al-Isra University Part-time- Assistant Prof. Of Management Information System, Amman, Jordan, Feb. 2008 – 2009.</li> </ul>  |



### Administrative Positions

- Head of Computer Information System Department

### 5. Research Interests

- Information Security
- Network Security
- Steganography
- Artificial Intelligent

### 6. Teaching Experience

#### • *Graduate Courses*

- Research Seminar for Master

#### • *Undergraduate Courses*

- Decision Support System
- Information System
- Strategic Management Information System
- Computer Skills (Win XP and Office XP)
- Packages
- System Analysis and Design
- E-Applications
- Computer Applications for Management
- Artificial Intelligence
- Database Design
- Data Structure and Algorithms
- Project Management
- Object-Oriented Analysis and Design (UML)
- Simulation and Modeling (Using Arena)
- Information Technology
- Business Information Systems

### 7. Supervision of Graduate Research

- Co-Supervisor for Master student, " An Improved Video Steganographic System Based on Exact Matching Algorithm and Random Key -Dependent Data Technique", Al-Zaytoonah University of Jordan, Jordan, 2016.



- Co-Supervisor for Master student, " Arabic Multi-Document Summarization Model Using Clustering and Features Extraction Based on Parallel Techniques," Al-Zaytoonah University of Jordan, Jordan, 2017.

## 8. Membership of Committees

- **University**
  - Committee of Study Plan and Educational Resources
  - Committee of Examinations and Evaluation
  - Committee of Guidance, Equation, Training, and Follow-up of Graduates
  - Committee of Quality Assurance
  - Committee of Scientific Research
  - Marketing Committee of the CIS Department
  - Quality Studies Audit and Evaluation Committee
  - Committee for Opening Grievance and Suggestions in the College
  - Member of the e-Learning Council and its Resources
  - CIS Department Representative in the College Council
  - College Representative in the University Council

## 9. Professional and Scientific Meetings

### *Scientific Meetings Organized*

- **Colloquium Chair:** the 1<sup>st</sup> Information Technology Colloquium 2010-ITC'10, Faculty of Science and IT, Al Zaytoonah Uni. of Jordan- April 20 2010.
- **Colloquium Chair:** the 2<sup>nd</sup> Information Technology Colloquium 2012-ITC'12, Faculty of Science and IT, Al Zaytoonah Uni. of Jordan- April 17 2012.
- **Colloquium Chair:** the 3<sup>rd</sup> Information Technology Colloquium 2014 - ITC'14, Faculty of Science and IT, Al Zaytoonah Uni. of Jordan- on May 6 2014.
- **Publicity Committee:** The 8<sup>th</sup> International Conference on Information Technology - ICIT'2017 – Al Zaytoonah University – Jordan, May 2017.
- **Track Chair:** 2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT), Jordan, April 2019.
- **Program Committee:** The International Workshop for Software-Defined Everything (SDE2020) in conjunction with The Seventh International Conference on Software Defined Systems (SDS-2020), Paris, April 2020.



### *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 8<sup>th</sup> International Conference on Information Technology, ICIT 2017, AL-Zaytoonah University of Jordan, Amman – Jordan, May 2017.

## **10. Publications**

### Papers Presented at International Conferences:

- Sana'a J.Khalaf and **Khulood Abu Maria**, "An Empirical Study of XP: the case of Jordan," Information and Multimedia Technology, 2009. ICIMT '09, Jeju Island, South Korea, December 18 - 19, 2009.
- Mossab N. Ibrahim, **Khulood Abu Maria**, and Khalid Mohammad Jaber, "A Comparative Study for Arabic Multi-Document Summarization Systems (AMD-SS)," 2017. The 8th International Conference on Information Technology (ICIT), May 17-18, 2017.
- M. A. Alia, **Khulood A. Maria**, M. A. Alsarayreh, E. A. Maria and S. Almanasra, "An Improved Video Steganography: Using Random Key-Dependent," 2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT), Amman, Jordan, 2019, pp. 234-237.

### List of Publications:

- **Khulood Abu Maria** and Raed Abu Zatir, "Emotional Agents: A Model and an Application," International Journal of Information and Software Technology, an Elsevier Publishing Journal, Volume 49, Issue 06, 2007.
- **Khulood Abu Maria** and Raed Abu Zatir, Chapter XV: "Emotional Agent Modeling (EMAM)," in a book published by IGI Inc.: "Simulation and Modeling: Current Technologies and Applications," 2007.
- **Khulood Abu Maria** and Raed Abu Zatir, Chapter 6: "Modeling of Artificial Emotions and its Application Towards a Healthy Environment," "in a book published by Traylor & Francis:" Environmental Management, Sustainable Development, and Human Health, "2008, Editor was Mattheus (Theo) Goosen, NYIT University.
- Mohammad A. Alia, Adnan A. Hnaif, Hayam K. Al-Anie, **Khulood Abu Maria**, Ahmed M. Manasrah, M. Imran Sarwar, "A Novel Header Matching Algorithm for Intrusion Detection Systems," International Journal of Network Security & Its Applications (IJNSA), Volume 03, Number 04, 2011.



- Abdallah A. Hlayel, **Khulood Abu Maria**, “A New Modified Approach Using Best Candidates Method For Solving Linear Assignment Problems,” International Journal of Engineering Science and Technology (IJEST), Volume 5 Number 05, p1137, 2013.
- Maher A. Alsarayreh, Mohammed A. Alia, and **Khulood Abu Maria**, “A Novel Image Steganographic System Based on Exact Matching Algorithm and Key-Dependent Data Technique,” Journal of Theoretical and Applied Information Technology, Volume 95, Number 05, 2017.
- **Khulood Abu Maria**, Nagham A. A., Tarek Kanan and Eman Abu Maria, “Using Cognitive Agent in Manufacturing Systems,” Journal of Theoretical and Applied Information Technology, Volume 95, Number 10, 2017.
- **Khulood Abu Maria**, Khalid Mohammad Jaber, and Mossab Nabil Ibrahim, “A New Model for Arabic Multi-Document Text Summarization,” International Journal of Innovative Computing, Information, and Control (IJICIC), Volume 14, Number 4, 2018.
- Nagham A. AL-Madi, **Kholoud A. Abu Maria**, Eman A. Abu Maria and Mohammad A. AL-Madi, “A Structured-Population Human Community Based Genetic Algorithm (HCBGA) in a comparison with both the Simple Genetic Algorithm (SGA) and the Cellular Genetic Algorithm (CGA)”, ICIC Express Letters, Volume 12, Number 12, 2018.
- 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 Ahmad 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.
- Tarek Kanan, Bilal Hawashin, Shadi AlZu’bi, Eyad Almaita Ahmad Alkhatib, **Khulood Abu Maria**, and Mohammed Elbes "Improving Arabic Text Classification Using P-Stemmer" Recent Patents on Computer Science-Bentham Science(2020), Volume 13, Issue 1, 2020.