

## CURRICULUM VITAE

**Full name: Qeethara Kadhim Al-Shayea**

*Department/Faculty: Management Information Systems/  
Faculty of Business*

*University: Al-Zaytoonah University of Jordan*

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### 1. Personal Data

Date of Birth: 23/9/1970

Nationality: Iraqi

### 2. Education

- Ph.D. (Computer Science) 2005, University of Technology, Baghdad, Iraq.
- M.Sc. (Computer Science) 2001, University of Technology, Baghdad, Iraq.
- High Diploma (Computer Science/ Information Security) 1997, University of Technology, Baghdad, Iraq.
- B.Sc. (Computer Science) 1992, University of Technology, Baghdad, Iraq.

### 3. Ph.D. Dissertation

- *Three-Dimensional Pipe Image Reconstruction from Two-Dimensional Slices*, University of Technology, Baghdad, Iraq.



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#### 4. Employment

##### Academic Positions

- Professor, Management Information Systems, Al-Zaytoonah University of Jordan, Amman, Jordan  
December 3, 2018 – now
- Associate Professor, Management Information Systems, Al-Zaytoonah University of Jordan, Amman, Jordan  
October 17, 2011 – December 2, 2018
- Assistant Professor, Management Information Systems, Al-Zaytoonah University of Jordan, Amman, Jordan  
September 15, 2006 – October 16, 2011
- Assistant Professor, Department of Computer Science, University of Technology, Baghdad, Iraq  
October, 2005 – September, 2006
- Instructor, Institute of Postgraduate Education for Computer and Information, National Computer Center, Baghdad, Iraq  
October, 1993- May, 1997

##### Administrative Positions

- Chairman of Department of Management Information Systems, Faculty of Business, Al-Zaytoonah University of Jordan, Amman, Jordan – October, 2016 – September, 2019

#### 5. Research Interests

Artificial Intelligence, Business Intelligence, Business Analytics, Neural Networks, Deep Neural Network, Image Processing and Signal Processing.

#### 6. Membership in Scientific Societies and Associations

- Editorial board member and committee member of Global Engineers and Technologists Review.
- Membership of the International Association of Engineers (IAENG).
- Editorial member in International Journal of Research and Reviews in Artificial Intelligence.



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- A membership in editorial board of annual conference of Al-Zaytoonah University of Jordan for years 2008, 2009, 2010 and 2012.
- Membership in an international technical committee of Knowledge Management International Conference (KMICe) 2012 in Malaysia.
- Referee/ Reviewer in many international journals and conferences.
- Session chair in many international conferences.
- Many participate in conference inside and outside Jordan like USA and UK.

#### 7. Honors and Awards

- Member of the board of Department of Computer Science in the University of Technology in Iraq, 2001-2003
- Member of the board in the Faculty of Business in Al-Zaytoonah University of Jordan in Jordan, 2011-2013, 2015 till now.

#### 8. Teaching Experience

- *Graduate Courses*

- 1- Computer Programming.
- 2- Information Security.
- 3- Business Intelligence Systems.
- 4- Data mining for Business Applications.

- *Undergraduate Courses*

- 1- Operating Systems.
- 2- Business Intelligence.
- 3- Artificial Intelligence.



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- 4- Networks.
- 5- Data Structure.
- 6- Computer Programming for Business.
- 7- Information Security.
- 8- Database Management Systems.
- 9- Advanced Database Management Systems.
- 10- System Analysis and Design (1).
- 11- System Analysis and Design (2).
- 12- Business Applications in the Internet.
- 13- E-Commerce.
- 14- Programming Package.
- 15- Field Training in Management Information Systems.
- 16- Graduation Project in Management Information Systems.

#### **9. Supervision of Graduate Research**

- 1- Credit Risk Prediction Using Deep Learning: A Case Study, Master of Business Analytics, Al-Zaytoonah University of Jordan, 2023.
- 2- Bankruptcy Prediction Using Deep Neural Network: A Case Study, Master of Business Analytics, Al-Zaytoonah University of Jordan, 2023.

#### **10. Membership of Committees**

- *National and International*
- *Editorial board member and Committee member of Global Engineers and Technologists Review.*
- *Membership of the International Association of Engineers (IAENG).*



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- *Membership in editorial board of annual conference of Al-Zaytoonah University of Jordan for years 2008, 2009, 2010 and 2012.*
- *International technical committee of Knowledge Management International Conference (KMICe), Malaysia, 2012.*
- *Membership in the organizing committee of 8th International Conference on Engineering, Project, and Production Management (EPPM2017), Al-Zaytoonah University of Jordan, Amman, Jordan, 2017.*
- *Session chair at The 2014 International Conference of COMPUTATIONAL INTELLIGENCE and INTELLIGENT SYSTEMS.*
- *Conference Committee member of the 18th edition of the SICB “Sustainability and Cutting-Edge Business Technologies.”, Al-Zaytoonah University of Jordan, Amman, Jordan, 2023.*
- *Referee/ Reviewer at many international journals and conferences.*

## **11. Professional and Scientific Meetings**

### ***Scientific Meetings Organized***

- 1- The 18<sup>th</sup> Scientific Annual International Conference for Business, Al-Zaytoonah University of Jordan, Amman, Jordan, 2023.
- 2- The 17<sup>th</sup> Scientific Annual International Conference for Business, Al-Zaytoonah University of Jordan, Amman, Jordan, 2021.
- 3- The 8th International Conference on Engineering, Project, and Production Management (EPPM2017), Al-Zaytoonah University of Jordan, Amman, Jordan, 2017.
- 4- Business Intelligence and Knowledge Economy, Al-Zaytoonah University of Jordan, Amman, Jordan, 2012.



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- 5- Knowledge Management International Conference (KMICe), Malaysia, 2012.
- 6- Leadership in the Knowledge Society, Al-Zaytoonah University of Jordan, Amman, Jordan, 2010.
- 7- Environmental Economics and Globalization, Al-Zaytoonah University of Jordan, Amman, Jordan, 2009.
- 8- Change Management and Knowledge Society, Al-Zaytoonah University of Jordan, Amman, Jordan, 2008.

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

- 1- The 18<sup>th</sup> Scientific Annual International Conference for Business, Al-Zaytoonah University of Jordan, Amman, Jordan, 2023.
- 2- The 17<sup>th</sup> Scientific Annual International Conference for Business, Al-Zaytoonah University of Jordan, Amman, Jordan, 2021.
- 3- The World Congress on Engineering and Computer Science, San Francisco, USA, 2017.
- 4- 8th International Conference on Engineering, Project, and Production Management (EPPM2017), Al-Zaytoonah University of Jordan, Amman, Jordan, 2017.
- 5- The 26th Annual Conference of American Society for Competitiveness (ASC), Washington D. C., USA, 2015.
- 6- The 2014 International Conference of Computational Intelligence and Intelligent Systems (ICCIIS'14), London, UK, 2014.
- 7- The 2013 International Conference of Computational Intelligence and Intelligent Systems (ICCIIS'13), London, UK, 2013.
- 8- The 13th Annual International Conference on Crisis Management in a Changing World, Al-Zaytoonah University of Jordan, Amman, Jordan, 2014.
- 9- The Twelfth Scientific Annual International Conference for Business, Al-Zaytoonah University of Jordan, Amman, Jordan, 2013.
- 10- The 11th WSEAS International Conference on Artificial Intelligence, Knowledge Engineering and Databases (AIKED12), Cambridge, UK, 2012.
- 11- The 9th WSEAS International Conference on ARTIFICIAL INTELLIGENCE, KNOWLEDGE ENGINEERING and DATA BASES (AIKED'10), Cambridge, UK, 2010.

#### **12. Publications**

- 1- **Al-Shayea, Qeethara**, Al-Ani, Muzhir; *Efficient 3D Object Visualization via 2D Images*, International Journal of Computer Science and Network Security, Vol. 9, no. 11, 2009, pp. 234-239.



QF11/0110 - 3.0E

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- 2- **Al-Shayeh, K.**, Al-Ani, Muzhir; *Unidirectional Error Correcting Codes for Memory Systems: A Comparative Study*, International Journal of Computer Science Issues, Vol. 7, Issue 1, no. 3, 2010, pp. 54-61.
- 3- **Al-Shayea, Qeethara**, Bahia, Itedal; *Ground Penetrating Radar Slice Reconstruction for Embedded Object in Media Target Follow*, WSEAS TRANSACTIONS on COMPUTER, 2010, pp. 496-505.
- 4- **Al-Shayea, Qeethara**, El-Refae, Ghaleb, El-Itter, Shurouq, *Neural Networks in Bank Insolvency Prediction*, International Journal of Computer Science and Network Security, Vol. 10, no. 5, 2010, pp. 240-245.
- 5- **Al-Shayea, Qeethara**, Bahia, Itedal; *Urinary System Disease Diagnosis Using Artificial Neural Networks*, International Journal of Computer Science and Network Security, Vol. 10, no. 7, 2010.
- 6- **Al-Shayea, Qeethara**, El-Refae, Ghaleb; *Predicting Students' Academic Performance Using Artificial Neural Networks: A Case Study*, Vol. 8, no. 5, International Journal of Computer Science and Information Security, 2010, pp. 97-100.
- 7- **Al-Shayea, Qeethara**, Al-Ani, Muzhir, Abu Teamah, Muna; *The Effect of Image Compression on Face Recognition Algorithms*, International Journal of Computer and Network Security, Vol. 2, no. 8, 2010, pp.1-5.
- 8- **Al-Shayea, Qeethara**; *Artificial Neural Networks in Medical Diagnosis*, International Journal of Computer Science Issues, Vol. 8, Issue 2, 2011, pp. 15-154.
- 9- **Al-Shayea, Qeethara**, El-Refae, Ghaleb; *Evaluating Credit Risk Using Artificial Neural Networks*, Global Engineers and Technologists Review, Vol. 1, no. 1, 2011, pp. 21-28.
- 10- **Al-Shayea, Qeethara**; *Predicting the Effects of Medical Waste in the Environment Using Artificial Neural Networks: A Case Study*, International Journal of Computer Science Issues, Vol. 10, Issue 1, no. 3, 2013, pp. 258-261.
- 11- **Al-Shayea, Qeethara**, El-Refae, Ghaleb, Yaseen, Saad; *Artificial Neural Networks for Medical Diagnosis Using Biomedical Data Set*, International Journal of Behavioral & Healthcare, Vol. 4, no. 1, 2013, pp. 45-63.
- 12- **Al-Shayea, Qeethara**, Al-Ani, Muzhir, Raho, Ghazi; *Object Tracking Information System Based on Statistical Measurements*, International Journal



QF11/0110 - 3.0E

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of Application or Innovation in Engineering and Management, Vol. 3, Issue 9, 2014, pp. 41-46.

- 13- **Al-Shayea, Qeethara**, *Telemedicine Using Cloud Computing in Jordan*, competition Forum, Vol. 13, Issue 2, 2015, pp. 390-395.
- 14- **Al-Shayea, Qeethara**, *A New Approach to Solve Traveling Salesman Problem*, International Journal of Business and Information Communication Technologies, Vol. 2, no. 1, 2016.
- 15- **Al-Shayea, Qeethara**, Al-Ani, Muzhir; *Efficient Window Approach of FIR Filter Design (MSK2)*, International Journal of Computer Science and Network Security, Vol. 16, no. 2, 2016.
- 16- **Al-Shayea, Qeethara**, Al-Ani, Muzhir; *An Efficient Approach to 3D Image Reconstruction*, International Journal of Computer Science and Network Security, Vol. 16, no. 8, 2016.
- 17- **Al-Shayea, Qeethara**; *A New Approach to Solve Traveling Salesman Problem*, International Journal of Business and Information Communications Technologies, Vol. 2, no. 2, 2016.
- 18- **Al-Shayea, Qeethara**, Al-Ani, Muzhir; *Speaker Identification: A Novel Fusion Samples Approach*, International Journal of Computer Science and Information Security, Vol. 14, no. 7, 2016.
- 19- **Al-Shayea, Qeethara**; *Models of Artificial Intelligence Systems*, International Journal of Business and Information Communications Technologies, Vol. 3, no. 2, 2017.
- 20- **Al-Shayea, Qeethara**, Al-Ani, Muzhir; *Biometric Face Recognition Based on Enhanced Histogram Approach*, International Journal of Communication Networks and Information Security, Vol. 10, no. 1, 2018.
- 21- **Al-Shayea, Qeethara**, Sultan, Thabit, Al-Ani, Muzhir; *Fault Diagnosis of Rotating Machine Based on Audio Signal Recognition System: An Efficient Approach*, International Journal of Simulation: Systems, Science & Technology, Vol. 21, no. 1, 2020.
- 22- **Al-Shayea, Qeethara**, *Deep Neural Network to Forecast Stock Market Price*, Scientific Annual International Conference for Business, Al-Zaytoonah University of Jordan, 2021, Jordan.





QF11/0110 - 3.0E

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- 23- **Al-Shayea, Qeethara, El-Refae, Ghaleb;** *Prediction of Customer Behavior on RFMT Model Using Artificial Neural Networks*, Business Research Yearbook (BRY), 2011, USA.
- 24- **Al-Shayea, Qeethara;** *Neural Networks to Predict Stock Market Price*, The World Congress on Engineering and Computer Science, San Francisco, USA, 2017.
- 25- **Al-Shayea, Qeethara;** *Evaluate The Role of Smartphone Application in Business*, 26th B&ESI Conference, Al Ain, UAE, 2015.
- 26- **Al-Shayea, Qeethara;** *Telemedicine Using Cloud Computing in Jordan*, The 26th Annual Conference of American Society for Competitiveness (ASC), Washington D. C., USA, 2015.
- 27- **Al-Shayea, Qeethara;** *Evaluating Marketing Campaigns of Banking Using Neural Networks*, The 2013 International Conference of Computational Intelligence and Intelligent Systems (ICCIIS'13), London, UK, 2013.
- 28- **Al-Shayea, Qeethara, Al-Shayea, Tamara;** *Customer Behavior on RFMT Model Using Neural Networks*, The 2014 International Conference of Computational Intelligence and Intelligent Systems (ICCIIS'14), UK, 2014.
- 29- **Al-Shayea, Qeethara;** *The Importance of Smartphone Applications in Crisis Management*, The 13th Annual International Conference on Crisis Management in a Changing World, Amman, Jordan, 2014.
- 30- **Al-Shayea, Qeethara;** *Implementation of National Broadband Network in Various Sectors in Jordan*, The Twelfth Scientific Annual International Conference for Business, Amman, Jordan, 2013.
- 31- **Al-Shayea, Qeethara;** *Estate Market Forecast Using Artificial Neural Networks*, Proceedings of Business Intelligence and Knowledge Economy, , Amman, Jordan, 2012.
- 32- **Al-Shayea, Qeethara;** *Evaluation of Banks Insolvency Using Artificial Neural Networks*, Proceedings of the 11th WSEAS International Conference on Artificial Intelligence, Knowledge Engineering and Databases (AIKED12), Cambridge, UK, 2012.
- 33- **Al-Shayea, Qeethara, Bahia, Itedal;** *Ground penetrating radar image preprocessing for embedded object in media*, The 9th WSEAS International Conference on ARTIFICIAL INTELLIGENCE, KNOWLEDGE ENGINEERING and DATA BASES (AIKED'10), Cambridge, UK, 2010.



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- 34- **Al-Shayea, Qeethara**, Al-Ani, Muzhir, Kana, Alaa; Data Mining Business Perspective, Kindle Edition.
- 35- **Al-Shayea, Qeethara**, Aljawazneh, H., Yaseen, S., Bagging Vs Boosting Ensemble Classifier in Predicting Companies: Financial Status, Scientific Annual International Conference for Business, Al-Zaytoonah University of Jordan, 2023, Jordan.