



CURRICULUM VITAE

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Department/Faculty: Management Information Systems/
Faculty of Business

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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.

**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.



- 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.



- 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 18th Scientific Annual International Conference for Business, Al-Zaytoonah University of Jordan, Amman, Jordan, 2023.
- 2- The 17th 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 18th Scientific Annual International Conference for Business, Al-Zaytoonah University of Jordan, Amman, Jordan, 2023.
- 2- The 17th 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.



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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



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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.



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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.
- 36- **Al-Shayea, Qeethara**, Al-Ani, Muzhir, S. Al-Barzinji, D. Al-Ani, Z. Al-Ani, COVID-19 Diagnosis Applied DWT and CNN on X-ray Chest Images, UHD Journal of Science and Technology, Vol. 7, No. 2, 2023.
- 37- **Al-Shayea, Qeethara**, Al-Ani, Muzhir, Alshehadeh A., Bagustari B., Hatamleh H., Creating Visual Knowledge Representation Based on Data Mining in Educational Jordanian Databases, International Journal of Advances in Soft Computing and Its Applications, Vol. 16, Issues 1, 2024.