CURRICULUM VITAE

PERSONAL INFORMATION

Name:	Dr. Mohammed Hasan Salahat
Nationality:	Jordanian
Job Title:	Assistant Professor
College:	Engineering and Information Technology
Department:	Information Technology
Contact Information:	E-mail: m.salahat@ustf.ac.ae, Office Number:126

EDUCATIONAL BACKGROUND

1. **Doctorate:**
   Major : **Computing & Information Systems**
   Title of the Thesis : **Information Systems Development through an Integrated Framework**
   University : **University of Huddersfield**
   Country : **United Kingdom**
   Year : **2017**

2. **Master:**
   Major : **Computing & Information Systems**
   Title of the Thesis : **The factors affecting the postgraduate students to select and buy their own PC**
   University : **Arab Academy of Financial and Banking studies.**
   Country : **Jordan**
   Year : **1996**

3. **Bachelor:**
   Major : **Computer Science**
   Title of the Thesis : **The development of Library Computer System**
   University : **Yarmouk University**
   Country : **Jordan**
   Year : **1984**

PROFESSIONAL EXPERIENCE

From (year)	To (year)	Position	Employer	Country
2019	Still	Assistant Professor	University of Science and Technology of Fujairah	UAE
2018	2019	Assistant Professor	Ajman University	UAE
2000	2018	Lecturer	Ajman University	UAE
1996	2000	Head of BIS Department Operation Manager, and Senior Lecturer	International Educational Institute, Abu Dhabi	UAE
1994	1996	Lecturer & Head of Computer Science Section	Arab College, Amman, Jordan.	Jordan
1992	1994	Lecturer	Intermediate University College, Amman, Jordan	Jordan
1989	1992	Trainer and Research assistant	Institute of Public Administration, Riyadh, Saudi Arabia	KSA
1986	1989	Lecturer & Head of Computer Science Department	Al-Quds College, Amman	Jordan
1984	1986	Lecturer	Arab College, Amman	Jordan
1992	1994	Lecturer	Intermediate University College, Amman, Jordan	Jordan

TEACHING EXPERIENCE AREA / COURSES)

2018-2023	Leadership and Teamwork, Mobile Applications, Business Intelligence and Data Warehouse, Information Systems Strategy and aquizition, Business Process Management, DBMS, Computer Ethics, IT in Business, Data Communications and Networking, Operating Systems, Big Data Technologies, Enterprise Systems, ERP, Social Media, Change Management, IT Project Management, Project Risk and Quality Management, E-Marketing, Information Technology Management.
2000-2018	

Systems Analysis and Design,Human Computer Interaction, Database Management Systems, , E-Commerce, Database Mangement , Methods and Modeling, Research Methods ,Computer Applications, Int. To Information Systems,   Int. to Multimedia, UNIX,IT in Business, Graduation Project, Software Engineering, Management Information Systems, Operating Systems, C++ Programming, O-O programming, Systems Methodologies, Decision Support Systems, IT Fundemantals.

1996-2000

Project Management, Information Systems Strategy, Business Communication Networks, Skills acquisition program, Systems Thinking, Systems Methodologies, Business processing, Graduation Project, Int. To , Marketingting, Int. To Management.

RESEARCH AREA

Big Data, Domain Driven Design, IS Development, IS Education, E-Technologies, Privacy and Security, Business Processes Management, HC, IoT, AI, Data Mining, ITM.

PUBLICATIONS

JOURNALS

1. M. Salahat, L. Ali, T. M. Ghazal and H. M. Alzoubi, "Personality assessment based on natural stream of thoughts empowered with machine learning," Computers, Materials & Continua, vol. 76, no.1, pp. 1–17, 2023. Available at: https://www.techscience.com/cmc/v76n1/53057. Q1 Paper.

2. L. Ali, S. E. A. Alnawayseh, M. Salahat, T. M. Ghazal, M. A. A. Tomh et al., "Ai-based intelligent model to predict epidemics using machine learning technique," Intelligent Automation & Soft Computing, vol. 36, no.1, pp. 1095–1104, 2023. Available at https://www.techscience.com/iasc/v36n1/49991.
Q2 Paper.

3. Said, R.A., Al-Dmour, N.A., Ali, L., Alzoubi, H.M., Alshurideh, M., Salahat, M. (2023). Linear Discrimination Analysis Using Image Processing Optimization. In: Alshurideh, M., Al Kurdi, B.H., Masa'deh, R., Alzoubi, H.M., Salloum, S. (eds) The Effect of Information Technology on Business and Marketing Intelligence Systems. Studies in Computational Intelligence, vol 1056. Springer, Cham. https://doi.org/10.1007/978-3-031-12382-5_137
Q4 Paper

4. Al-Dmour, N.A., Ali, L., Salahat, M., Alzoubi, H.M., Alshurideh, M., Chabani, Z. (2023). Information Systems Solutions for the Database Problems. In: Alshurideh, M., Al Kurdi , B.H., Masa'deh, R., Alzoubi , H.M., Salloum, S. (eds) The Effect of Information Technology on Business and Marketing Intelligence Systems. Studies in Computational Intelligence, vol 1056. Springer, Cham. https://doi.org/10.1007/978-3-031-12382-5_37
Q4 Paper

5. Salahat, M., Al-Dmour, N.A., Said, R.A., Alzoubi, H.M., Alshurideh, M. (2023). Development of Data Mining Expert System Using Naïve Bayes. In: Alshurideh, M., Al Kurdi , B.H., Masa'deh, R., Alzoubi , H.M., Salloum, S. (eds) The Effect of Information Technology on Business and Marketing Intelligence Systems. Studies in Computational Intelligence, vol 1056. Springer, Cham. https://doi.org/10.1007/978-3-031-12382-5_134
Q4 Paper

6. Said, R.A., Al-Dmour, N.A., Salahat, M., Issa, G.F., Alzoubi, H.M., Alshurideh, M. (2023). Development of Data Mining Framework Cardiovascular Disease Prediction. In: Alshurideh, M., Al Kurdi , B.H., Masa'deh, R., Alzoubi , H.M., Salloum, S. (eds) The Effect of Information Technology on Business and Marketing Intelligence Systems. Studies in Computational Intelligence, vol 1056. Springer, Cham. https://doi.org/10.1007/978-3-031-12382-5_114
   Q4 Paper

7. Taleb, N. et al. (2023). Analysis of Issues Affecting IoT, AI, and Blockchain Convergence. In: Alshurideh, M., Al Kurdi , B.H., Masa'deh, R., Alzoubi , H.M., Salloum, S. (eds) The Effect of Information Technology on Business and Marketing Intelligence Systems. Studies in Computational Intelligence, vol 1056. Springer, Cham. https://doi.org/10.1007/978-3-031-12382-5_112
   Q4 Paper

8. 9-Salahat, M. and S. Wade (2018). "Soft Domain Driven Design for Information Systems Development", International Journal of Management and Applied Science (IJMAS), pp. 126-133, Volume-4, Issue-9. Published on 2018-12-15.

9. Salahat, M. and S. Wade (2016). "Domain Driven Design vs Soft Domain Driven Design Frameworks". International Journal of Computer, Electrical, Automation, Control and Information Engineering Vol: 10, No: 7.

10. Salahat, M. and S. Wade (2015). "Business Domain Modelling Using an Integrated Framework". International Journal of Social, Behavioral, Educational, Economic, Business and Industrial Engineering Vol: 9, No: 6.

11. Wade, S., et al. (2012). "A Scaffolded Approach to Teaching Information Systems Design." Innovation in Teaching and Learning in Information and Computer Sciences-ITALICS Journal. 11(1): 56-70.

12. Salahat, M., et al. (2009). "The Application of A systemic Soft Domain Driven Design Framework". World Academy of Science, Engineering and Technology, International Journal of Computer and Systems Engineering, Vol:3, No:9, 2009.

2. CONFERENCES

1. M. Salahat *et al*., "Analysis of Query Processing on Different Databases," *2023 International Conference on Business Analytics for Technology and Security (ICBATS)*, Dubai, United Arab Emirates, 2023, pp. 1-7, doi: 10.1109/ICBATS57792.2023.10111417.

2. M. Salahat *et al*., "Software Testing Issues Improvement in Quality Assurance," *2023 International Conference on Business Analytics for Technology and Security (ICBATS)*, Dubai, United Arab Emirates, 2023, pp. 1-6, doi: 10.1109/ICBATS57792.2023.10111145.

3. M. Salahat, et al, "Diagnosis Ovarian Cancer & Prostate Cancer using Mamdani System of Fuzzy Interface," *2022 International Conference on Cyber Resilience (ICCR)*, Dubai, United Arab Emirates, 2022, pp. 1-10, doi: 10.1109/ICCR56254.2022.9995781.

4. S. Y. Siddiqui, M. U. Ullah, A. Anwar, A. M. Momani, **L. Ali** and M. Salahat, "Fusion Based Self Diagnosis Expert System Empowered with Leven-berg Marquardt

Algorithm," 2022 International Conference on Cyber Resilience (ICCR), Dubai, United Arab Emirates, 2022, pp. 1-6, doi: 10.1109/ICCR56254.2022.9995807

5. M. A. Aslam, M. Zonain, S. Muneer, O. Sattar, M. Salahat and M. Saleem, "Neurological Disorder Detection Using OCT Scan Image of Eye," *2022 International Conference on Cyber Resilience (ICCR)*, Dubai, United Arab Emirates, 2022, pp. 01-13, doi: 10.1109/ICCR56254.2022.9996016.

6. Taleb, N., Salahat, M. and Ali, L. (2020) Impacts of Big-Data Technologies in Enhancing CRM Performance, 6th International Conference on Information Management (ICIM2020), Imperial College London, UK, 27th – 29th March 2020. SCOPUS Indexed.

7. Ali Liaqat, Salahat, M. (2019). E-Accessibility to E-Government in UAE, Accepted, will be presented in June 2019, INSEEC Business School, Lyon Campus, France during June 18 to 21, 2019. SCOPUS Indexed.

8. Salahat, M. and S. Wade (2018). "Soft Domain Driven Design for Information Systems Development", Academics World International Conference, July 2019, Oxford, UK.

9. Salahat, M. and S. Wade (2015). "Business Domain Modelling Using an Integrated Framework". ". WASET Conference, July 2015, London, UK.

10. Salahat, M. and S. Wade (2014). "Teaching Information Systems Development through an Integrated Framework. UKAIS2014 Conference, Oxford University, Oxford.

11. Salahat, M. and S. Wade (2012). Pedagogical Evaluation of a Systemic Soft Domain-Driven Design Framework. The UKAIS International Conference on Information Systems 2012 Proceedings, AIS.

12. Salahat, M., et al. (2009). "The Application of A systemic Soft Domain Driven Design Framework". WASET Conference, September 2009, Amsterdam, Netherland.

13. Salahat, M. and S. Wade (2009). A Systems Thinking Approach to Domain-Driven Design. UK Academy for Information Systems Conference Proceedings, April 2009.

14. Salahat, M., et al. (2008). A systemic framework for business process modelling and implementation. Innovations in Information Technology, 2008. IIT 2008. International Conference on, IEEE. Innovation08 Conference, IT College, UAE University.

15. Ismail Al-Ani, Salahat, M., Izharul Haq(2005). A Novel Cyclic Stratified Learning Model for e-Learning Content Development and Learner Assessment, e learning and communication conference, University of Central Lancashire, September 2005, Preston, UK.

16. Salahat, M., Al-Ani Ismail, Izharul Haq (2005). New EC-Learning ModeL: (A bridge between E-Learning & C-Learning), E-learning Conference, Warso Agriculture, University, May 2005, Poland.

4. BOOKS AND BOOK CHAPTERS

1- Mohammed Salahat, Introduction to Operating Systems, Al Mostaqbal Publishing Company, 1988, Jordan (Undergraduate Diploma Curriculum).
2- 2019 Salahat, M. and S. Wade (2019). Strategies for Facilitating Learning in Multinational Groups Studying Information Systems Design, Book Chapter. Book Title: Transnational Higher Education in Computing Courses.

pp 173-184. Editor(s): Jenny Carter, Clive Rosen. Publisher: Springer, 25th September 2019. https://doi.org/10.1007/978-3-030-28251-6_12	
4. NOTES AND ARTICLES: N/A	
5. OTHER PUBLICATIONS: N/A	

PROFESSIONAL AND ACADEMIC ACTIVITIES

1. Professional Training (conductance and attendance)

1. Register and studied a practical course from CISCO: Packet Tracer to support me for teaching the practical Lab of the course: Fundamentals of Data communications and Networking, Feb,2021-March,2021.
2. Quality Assurance and Accreditation, February 2015, Ajman University, UAE.
3. SPSS Program, Staff Development, January2015, Ajman University, UAE.
4. Teaching Assistant Program (TAP): April 2014, University of Huddersfield, UK.
5. Qualitative data Gathering and Analysis, July 2012. University of Huddersfield, UK.
6. Mastering thesis Framework, July 2012. University of Huddersfield, UK.
7. Using Endnote through writing the thesis, July 2011, University of Huddersfield, UK.
8. Teaching strategies using small groups, 2008, University of Huddersfield, UK.
9. Using LTM Manager for building online course material, Ajman University, 2003.
10. Web application development tools, 2002, Ajman University, UAE.
11. IBM Mainframe environment, 1990, Institute of Public Administration, Saudi Arabia.
12. Developing application using ORACLE developer, 1988, Saudi Arabia.
13. Local Area Network, 1996, Arab Academy, Jordan.

2. Workshops and seminars (conductance and attendance)

14. Digital Transformation -Staff development workshop. 2021, USTF.
15. Mapping Learning Outcomes using MODEL, Ajman University, April 2012
16. How to prepare your research proposal?, International Educational Institute, Abu Dhabi, Sept. 1999
17. "International Accreditation". Attended seminar, 25/3/2021
18. USTF's Training and Continuing Education Center as an NQA Licensed and Accredited Body. Seminar attended. 18/3/2021
19. Preparation of Online Exams. Attended seminar. 4/3/2021
20. إعداد ملفات المساقات الإلكترونية التفاعلية . Attended seminar.29/4/2021.
21. Enhancing Class Interaction. Scheduled seminar on 4/5.
22. Online Education and Quality of Course Delivery..
23. Mastering WEB Engineering Principles, 2002, Ajman University.
24. Programming with Object Oriented Programming using Java, 2007, Ajman University
25. Using SIS system, for Part time Staff in the Requirement College, Ajman University, 2013-2014.
26. Using MOODLE, for Part time staff in the Requirements College, Ajman University, 2012-2017
27. Organizing a visit and a training day for a group of Sharjah and Ajman schools, Ajman University, 2009.

3. Master Theses Supervision

1. Peer-Tutoring Online System for Programming Teaching, Master thesis, Co-supervisor, Huddersfield University, UK, 2010.
2. Schools Liaison Coordination System, Master thesis, Co-supervisor, University of Huddersfield, UK, 2009

4. Doctorate Theses Supervision
N/A

MEMBERSHIP OF SCIENTIFIC ASSOCIATIONS

Member in UKAIS (UK Academy for Information Systems) and semi-regular attendance of the UKAIS annual conference.

AWARDS

1- Certificate of Judging the IT Competitions, Al Shola School, Sharjah-from 2008-2020.
2- Certificate of Judigng the students conference in USTF, 2019,2020,2021.
3- Certificate of participation in Hackathon,2020,2021.
4- Certificate of participation and chairing sessions in different conferences.
5- Certificate of organizing Open Dy for the IT College, Ajman,2010