Riyadh Abdul Kadir Mehdi Al-Khalidi

Academic Rank

Associate Professor

Qualifications

PhD in Computer Science

Research field(s)

- Cloud Computing
- Soft Computing Applications
- Computational Optimization

Publications *(Last five years)*

- Riyadh A.K. Mehdi, "Predicting and Explaining Variations in Software Effort Estimation Using Adaptive Fuzzy-Neural Networks with Clustering", Intelligent Systems Conference, IntelliSys2023, 7-8 September 2023, Amsterdam, The Netherlands

- Mehdi, R., Nachouki, M. A neuro-fuzzy model for predicting and analyzing student graduation performance in computing programs. Education and Information Technologies (2022). https://doi.org/10.1007/s10639-022-11205-2

- A. Feizollah, N. B. Anuar, R. Mehdi, A. Firdaus, and A. Sulaiman, "Understanding COVID-19 Halal Vaccination Discourse on Facebook and Twitter Using Aspect-Based Sentiment Analysis and Text Emotion Analysis," International Journal of Environmental Research and Public Health, vol. 19, no. 10, p. 6269, May 2022, DOI: 10.3390/ijerph19106269

- Mirna Nachouki, Riyadh A.K. Mehdi, "Particle Swarm Model for Predicting Student Performance in Computing Programs", Intelligent Systems Conference, IntelliSys2021, 2-3 September 2021, Amsterdam, The Netherlands

- Ibrahim A. Elsiddig, and Riyadh A.K. Mehdi, "Predicting the Value of Intellectual Capital: A Performance Contribution Model Based on Neural Networks", International Journal of Intellectual Property Management, vol. 11, No. 3, August 2021, pp. 219-235. DOI: 10.1504/IJIPM.2021.117178

- Elfadil A. Mohamed, Ibrahim A. Elsiddig, Riyadh A.K. Mehdi, and Hanan Hussain "Impact of corporate performance on stock price predictions in the UAE markets: Neuro-fuzzy model", Intelligent Systems in Accounting, Finance and Management, Vol. 28, Issue 1, March 2021. DOI: 10.1002/isaf.1484

- Riyadh A.K. Mehdi, and Mirna Nachouki "Cost Optimization of Procuring Cloud Computing Resources Using Genetic Algorithms", Journal of Theoretical and Applied Information Technology, Volume 98, Issue 8, April 2020, pp. 1201-1213

- Riyadh A.K. Mehdi, "A Neuro-Fuzzy Model for Software Defects Prediction and Analysis", Intelligent Systems Conference, IntelliSys2020, 3-4 September 2020, Amsterdam, The Netherlands

- Riyadh A.K. Mehdi, and Mirna Nachouki, "Cloud Capacity Planning Based on Simulation and Genetic Algorithms", Intelligent Systems Conference, IntelliSys2019, 5-6 September 2019, London, U. K

Courses Taught *(Last five years)*

MAI602 Artificial Intelligence (MSc Program)	INT302 Database Management Systems
INT430 Artificial Intelligence	INT313 User Design Interface
INT423 Advanced Database Design & Implementation	INT209 Data Structures
INT435 Game Programming	INT206 Fundamentals of Web Systems
INT305 Software Engineering	INT201 Object-Oriented Programming
INT323 Big Data Analytics & Technologies	INT100 Introductory Programming
INT309 Cloud Computing	INT101 Calculus for Information Technology

Professional Experience

- System Analyst where I worked on the design of information systems for the oil drilling operations of the Iraqi National Oil Company from August 1979 to September 1985.
- Senior system analyst in the Reservoir Department of the Iraqi Oil Ministry from May 1991 to January 1993.

Committees Work

- AU-Institutional Effectiveness Committee (IEC)
- AU-Assessment Planning Committee (APC)
- AU-Strategic Plan Monitoring Committee (SPMC)
- QAA Accreditation Committee
- WSCUC Accreditation Task Force
- CEIT College Council Member– IT Program Coordinator
- IT Department Council Member

Honors and Awards

- Ajman University Faculty Excellence in Service Award, May 31, 2021

Other Contributions and Achievements

- CAA accreditation of the Information Technology Program
- Member of the team who got QAA accreditation
- Member of the WSCUC team who got initial accreditation
- Member of the WTF working on the next phase of WSCUC accreditation
- Active ABET Program Evaluator for ABET's Computing Commision