

Abbas Al-Thaedan

Samawah, Al-Muthanna Province, Iraq
Abbas.khlaf@mu.edu.iq



Personal Overview

Abbas Al-Thaedan is a faculty at Al-Muthanna University. Most of his research area was in modeling and simulation that applied to the various disciplines' areas. He used systems engineering methodologies and statistical tools to model and analyze mobile computing systems, looking at improving their overall performance while considering their limited energy availability. Moreover, his research interests are in data science, complex networks, and computing systems.

Educational Background

- **Ph.D in Computer Science, Florida Institute of Technology (Florida Tech), Melbourne, FL, USA.**
- **M.Sc in Computer Science, University of Arkansas at Little Rock (UALR), Little Rock, AR, USA.**
- **B.Sc in Computer Science, University of Thi-Qar, Thi-Qar, IRAQ.**

RESEARCH INTERESTS

- **Computer Science, Machine Learning, Complex Networks.**

PUBLICATIONS

- **Abbas A. Al-Muhsen** and Radu F. Babiceanu, Systems Engineering Approach to CPU Scheduling for Mobile Multimedia Systems, Proceedings of the IEEE International Systems Conference, Montreal, Canada, pp. 239-243, April 2011.
- Lisham L Singh, **Abbas Al Muhsen**, Flaih Ahmad, Srinivasan Ramaswamy, Predicting Software Bugs Using ARIMA Model , ACM SE 2010, The 48th ACM Southeast Conference, The University of Mississippi in Oxford,, Mississippi on April 15-17, 2010.
- Ahmad Flaih, **Abbas Abdalmuhsen**, Ebtisam Abdulah and Srini Ramaswamy, Gross Product Simulation with pooling of Linear and Nonlinear Regression Models, EOMAS 2010 Enterprise and Organizational Modeling and Simulation Proceedings of the EOMAS Workshop held in conjunction with CAISE 2010 June 7-8, 2010, Hammamet, Tunisia.
- **Abbas Al-Thaedan**, A., Carvalho, M.: Online estimation of motif distribution in dynamic networks. In: 2019 IEEE 9th Annual Computing and Communication Workshop and Conference (CCWC), pp. 0758–0764. IEEE (2019).
- **Abbas Al-Thaedan**, Carvalho M., Nembhard F. A Fast and Exact Motif Enumeration Algorithm for Dynamic Networks. In: Arai K. (eds) Advances in Information and Communication. FICC 2021. Advances in Intelligent Systems and Computing, vol 1364. Springer, Cham.