



Maryam jawad kadhim alwan

مریم جواد کاظم علوان

Assistant Professor

PROFILE

I am Maryam Jawad Kazem, an Assistant Lecturer in Computer Science and Information Technology at the University of Wasit, specializing in Software Engineering and Networks. I hold a Bachelor's and a Master's degree and serve as the Head of the Modern Languages Unit. I am currently pursuing my PhD at the Islamic Azad University. My research interests include Artificial Intelligence, Software Engineering, and Computer Networks.

ACADEMIC TITLES

2023-01-30 Assistant Professor

TEACHING EXPERIENCE

Assistant Lecturer

University of Kut

2020-01 - 2022-02

Assistant Lecturer

mam Al-Kadhim College

2018-08 - 2020-04

Assistant Lecturer

College of Basic Education

2018-02 - 2018-09

COURSES

- Design and Analysis of Algorithms
- Theory of Computation
- Programming Fundamentals
- Computer Graphics
- Artificial Intelligence

ADMINISTRATIVE POSITIONS

2020-06-01 - Present

Head of the Living Languages Unit

PUBLICATIONS (13)

1. Access points deployment in data offloading using evolutionary optimization algorithms
Soft Computing, 1-15, 2026 | 2026
2. Artificial Intelligence and Its Impact on Sustainable Development from An Industrial Perspective.
International Journal of Computational & Electronic Aspects in Engineering, 2026 | 2026 | Cited: 1

CONTACT

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EDUCATION

ماجستير (07-06-2016)

Software Engineering

Tehran University of Science and Research

RESEARCH METRICS

h-index (Scopus) 0

h-index (GS) 3

Citations (Scopus) 0

Citations (GS) 30

Documents (Scopus) 0

Documents (GS) 12

RESEARCH INTERESTS

- Data Science and Applied Computing and Computer Networks



3. **Enhancing medical image analysis with CNN and MobileNet: A particle swarm optimization approach**
Journal of Information Systems Engineering and Management 10 (13s), 28-40, 2025 | 2025 | Cited: 3
4. **Attention-Enhanced LSTM Models for Long-Horizon Time Series Forecasting in Renewable Energy Systems**
Computing and Interdisciplinary Science 1 (1), 32-38, 2025 | 2025 | Cited: 2
5. **Performance improvement of data offloading using Krill herd optimization algorithm**
Majlesi Journal of Electrical Engineering 19 (1 (March 2025)), 17-17, 2025 | 2025 | Cited: 3
6. **Machine Learning Driven Software Testing: Towards Autonomous Bug Detection in 2025**
Scientific Research Journal of Multidisciplinary 5 (2), 1-8, 2025 | 2025
7. **Big data-driven decision support systems for smart cities: challenges and solutions**
International Journal of Information Technology and Computer Engineering 5 ..., 2025 | 2025
8. **AI for Sustainable Development Goals: Leveraging Machine Learning for Climate-Resilient Wheat Production in Wasit, Iraq**
2025
9. **Artificial intelligence impact on human translation: Legal texts as a case study**
International Journal of Linguistics, Literature and Translation 7 (5), 89-95, 2024 | 2024 | Cited: 19
10. **Improved deployment of Wi-Fi access points in cellular data uploads with Using a Grady model**
Third National Conferences of Innovative Research In Electrical & Computer ..., 2023 | 2023
11. **P COVID-19 Patterns Identification using Generative Adversarial Networks Based Implementation**
Wasit Journal of Computer and Mathematics Science | 2022
12. **COVID-19 Patterns Identification using Generative Adversarial Networks Based Implementation: Generative Adversarial Network (GAN)**
Wasit Journal of Computer and Mathematics Science 1 (1), 10-19, 2022 | 2022 | Cited: 2
13. **A Novel Optimal Configuration of Neural Networks by Multi-Objective Genetic Algorithm and Ensemble-classifier approach**
2021, 82-66. (1) مجلة جامعة الكوت 6 | 2021