

Academic Resume



Ali Alkhathlan

Assistant Professor, Computer Science Department

Dr. Ali earned his Ph.D. in 2020 from the University of Colorado, Colorado Springs, USA. He is currently an Assistant Professor of Computer Science at the Faculty of Computing and Information Technology (FCIT) at King Abdulaziz University (KAU). His research primarily focuses on Arabic Natural Language Processing. He is committed to exploring and implementing the latest advancements in Artificial Intelligence and Data Science specifically in the realm of NLP.

Contact Information.

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Highest Degree.

2020, Ph.D, Artificial Neural Network - NLP, University of Colorado at Colorado, USA.

Academic and Professional Experiences.

1. **2023 - Present**
Member of the New Strategic Plan Committee, FCIT, KAU.
2. **2022 - Present**
Member of Planning and Partnership Committee, FCIT, KAU.
3. **2021 - 2023**
Chief of Scientific Activity Unit, FCIT, KAU.
4. **2021 - 2021**
Consultant of Graduate Studies and Scientific Research, FCIT, KAU.
5. **2020 - Present**
Assistant Professor, FCIT, King Abdulaziz University, Jeddah, KSA., , .
6. **2020 - 2021**
Chief of Projects and Technical Affairs Follow-up Unit, Deanship of Distance Learning, KAU.

Research Interests.

Artificial Neural Network, Computational Linguistic, Arabic Natural Language Processing.

Teaching Interests.

Java Programming, Data Structure, Algorithm Analysis, Executive Master - NLP.

Certifications and Trainings.

1. Advanced Usage of Virtual Classes Ultra in Learning Process.
2. The Future of e-Learning: Vision and Roadmap.
3. KAU Scholars Program.
4. Oracle Database and Developer.
5. Social Media Data Analysis on Aziz Supercomputer.
6. Virtual Reality (Intellect and Practice).
7. Latest Technical Innovations in e-Learning Innovations.
8. Publons Academy Graduation Certificate.
9. Should Scientific Writings be Predicted on the Rigors of Scientific Inquiries.

Social, Scientific and Professional Affiliation.

1. 2018-2018, Conference reviewer, The 4th International Conference on Arabic Computational Linguistics (ACLing 2018).
2. 2017-2019, Research assistant, Link lab, University of Colorado at Colorado Springs.
3. 2022-2022, Conference reviewer, The Seventh Arabic Natural Language Processing Workshop (WANLP 2022).
4. 2023-2023, ., King Abdulaziz University.

Funded Projects.

1. 2021, Arabic Stance Detection, King Abdulaziz University, ..
2. 2021, Multitask Learning for Arabic Sentiment Analysis, King Abdulaziz University, ..

Publications.

1. Abdulelah Alkesaiberi, Ali Alkhathlan, Ahmed Abdelali, "Ara--Canine: Character-Based Pre-Trained Language Model For Arabic Language Understanding", International Journal On Cybernetics & Informatics, vol: 13, pp. 45-59, 2024.
DOI: [10.5121/ijci.2024.130204](https://doi.org/10.5121/ijci.2024.130204)
2. Ali Alkhathlan, Khalid Alomar, "Armt-Tnn: Enhancing Natural Language Understanding Performance Through Hard Parameter Multitask Learning In Arabic", International Journal Of Knowledge-Based And Intelligent Engineering Systems, pp. 1-13, 2024.
DOI: [10.3233/KES-230192](https://doi.org/10.3233/KES-230192)
3. Bedour Alrashidi, Amani Jamal, Ali Alkhathlan, "Abusive Content Detection In Arabic Tweets Using Multi-Task Learning And Transformer-Based Models", Applied Sciences, vol: 13, pp. 5825, 2023.
DOI: [10.3390/app13105825](https://doi.org/10.3390/app13105825)
4. Bedour Alrashidi, Amani Jamal, Imtiaz Khan, Ali Alkhathlan, "A Review On Abusive Content Automatic Detection: Approaches, Challenges And Opportunities", Peerj Computer Science, vol: 8, pp. e1142, 2022.
DOI: [10.7717/peerj-cs.1142](https://doi.org/10.7717/peerj-cs.1142)
5. Almalawi, Abdulmohsen and Alsolami, Fawaz and Khan, Asif Irshad and Alkhathlan, Ali and Fahad, Adil and Irshad, Kashif and Qaiyum, Sana and Alfakeeh, Ahmed S, "An Iot Based System For Magnify Air Pollution Monitoring And Prognosis Using Hybrid Artificial Intelligence Technique", Environmental Research, 2022.
6. Almalawi, Abdulmohsen and Khan, Asif Irshad and Alsolami, Fawaz and Alkhathlan, Ali and Fahad, Adil and Irshad, Kashif and Alfakeeh, Ahmed S and Qaiyum, Sana, "Arithmetic Optimization Algorithm With Deep Learning Enabled Airborne Particle-Bound Metals Size Prediction Model", Chemosphere, 2022.
7. Nana Geng, Ali Alkhathlan, Xiuying Shao, "An Empirical Analysis Of The Dynamic Nonlinear Relationship Between Inbound Tourism And Economic Development Using Panel Threshold Regression Model", Fractals, 2021.
DOI: [10.1142/S0218348X22400898](https://doi.org/10.1142/S0218348X22400898)
8. Ali Alkhatlan and Faris Kateb, Kalita Jugal, "Attention-Based Sequence Learning Model For Arabic Diacritic Restoration", 2020 6th Conference On Data Science And Machine Learning Applications (Cdma), 2020.
9. Alkhatlan, Ali and Kalita, Jugal, "Intelligent Tutoring Systems: A Comprehensive Historical Survey With Recent Developments", 181, 2019.
10. Alkhatlan, Ali and Kalita, Jugal and Alhaddad, Ahmed, "Word Sense Disambiguation For Arabic Exploiting Arabic Wordnet And Word Embedding", Elsevier, 2018.