

Academic Resume



Mounira Taileb

Associate Professor, Information Technology Department

Contact Information.

Building 61, Room 156, mtaileb@Kau.Edu.Sa.

Highest Degree.

2008, Ph.D. in Computer Science, Machine learning, Information retrieval, University of Paris-Sud 11 (Paris-Saclay), France.

Academic and Professional Experiences.

1. **2020 - Present**
Associate Professor, Saudi Arabia, King Abdulaziz University.
2. **2009 - 2020**
Assistant Professor, Saudi Arabia, King Abdulaziz University.
3. **2002 - 2009**
Research Fellow, France, company Advestigo, FRANCE.

Research Interests.

Machine Learning, Image Retrieval and Image annotation, Natural language processing, Sentiment Analysis.

Teaching Interests.

Software Engineering, Artificial Intelligence, Computer Vision.

Certifications and Trainings.

Social, Scientific and Professional Affiliation.

1. 2009-Present, Associate Professor, King Abdulaziz University.

Funded Projects.

1. 2018, Multimodal Automatic Image Annotation Method Using Association Rules Mining And Clustering, KACST
2. 2019, Hmatc: Hierarchical Multi-Label Arabic Text Classification Model Using Machine Learning, Deanship of Scientific Research - KAU, N.
3. 2019, Arabic Sentiment Analysis Using Deep Learning And Ensemble Methods, Deanship of Scientific Research - KAU

Publications.

1. Somayh Al-Amoudi, Mounira Taieb, Amani Jamal, Nada Almani, "Word Spotting In Historical Arabic Documents Using Deep Learning", 2024 6th International Conference On Computing And Informatics (Icci), pp. 499-505, 2024.
DOI: [10.1109/ICCI61671.2024.10485040](https://doi.org/10.1109/ICCI61671.2024.10485040)
2. Sara Alsuhaimey, Nada Almani, Mounira Taieb, "A Bigru-Based Model Augmented With Attention For Arabic Aspect-Based Sentiment Analysis", In The Proceeding Of The 4th International Conference On Business And Technology (Icibt 2023). Istanbul, Turkey, 2023.
3. Amal Alkabbabi, Mounira Taieb, "Hybrid Sentiment Analysis Model With Majority Voting For Un-Labeled Arabic Text", 2023 1st International Conference On Advanced Innovations In Smart Cities (Icaisc), pp. 1-6, 2023.
DOI: [10.1109/ICAISC56366.2023.10085303](https://doi.org/10.1109/ICAISC56366.2023.10085303)
4. Abeer Alshehri, Mounira Taieb, Reem Alotaibi, "Deepaia: An Automatic Image Annotation Model Based On Generative Adversarial Networks And Transfer Learning", Ieee Access, pp. 1-1, 2022.
DOI: [10.1109/ACCESS.2022.3165077](https://doi.org/10.1109/ACCESS.2022.3165077)
5. Amal Alharbi, Manal Kalkatawi, Mounira Taieb, "Arabic Sentiment Analysis Using Deep Learning And Ensemble Methods", Arabian Journal For Science And Engineering, 2021.
DOI: [10.1007/s13369-021-05475-0](https://doi.org/10.1007/s13369-021-05475-0)
6. Nawal Aljedani, Reem Alotaibi, Mounira Taieb, "Multi-Label Arabic Text Classification: An Overview", International Journal Of Advanced Computer Science And Applications, vol: 11, 2020.
DOI: [10.14569/IJACSA.2020.0111086](https://doi.org/10.14569/IJACSA.2020.0111086)
7. Nawal Aljedani, Reem Alotaibi, Mounira Taieb, "Hmatc: Hierarchical Multi-Label Arabic Text Classification Model Using Machine Learning", Egyptian Informatics Journal, 2020.
DOI: [10.1016/j.eij.2020.08.004](https://doi.org/10.1016/j.eij.2020.08.004)
8. , "Indexing Techniques In Trademark Image Retrieval Systems", International Journal Of Innovative Technology And Exploring Engineering, vol: 9, pp. 389-392, 2020.
DOI: [10.35940/ijitee.D9057.029420](https://doi.org/10.35940/ijitee.D9057.029420)
9. , "Design And Implementation Of Rfid And Fingerprint-Based Student Verification System", International Journal Of Recent Technology And Engineering, vol: 8, pp. 2084-2092, 2020.
DOI: [10.35940/ijrte.E5788.018520](https://doi.org/10.35940/ijrte.E5788.018520)
10. Amal Alkabbabi, Mounira Taieb, "Ensemble Learning Sentiment Classification For Un-Labeled Arabic Text", vol: 1097, pp. 203-210, 2019.
DOI: [10.1007/978-3-030-36365-9_17](https://doi.org/10.1007/978-3-030-36365-9_17)
11. Amal Alharbi, Mounira Taieb, Manal Kalkatawi, "Deep Learning In Arabic Sentiment Analysis: An Overview", Journal Of Information Science, pp. 016555151986548, 2019.
DOI: [10.1177/0165551519865488](https://doi.org/10.1177/0165551519865488)
12. Mounira Taieb, Eman Alahmadi, "Multimodal Automatic Image Annotation Method Using Association Rules Mining And Clustering", International Journal Of Advanced Computer Science And Applications, vol: 9, 2018.
DOI: [10.14569/IJACSA.2018.091197](https://doi.org/10.14569/IJACSA.2018.091197)
13. Heyfa Ammar, Mounira Taieb, "Smiletophone: A Mobile Phone System For Quadriplegic Users Controlled By Eeg Signals", International Journal Of Advanced Computer Science And Applications, vol: 8, 2017.
DOI: [10.14569/IJACSA.2017.080566](https://doi.org/10.14569/IJACSA.2017.080566)
14. M. Taieb, B. Alshuaibi, W. Bagais, A. Basudan, N. Bahurmoz, M. Alsadi, "An Architecture For Selling Internet Data Using Mobile Hotspot", International Conference On Communication, Management And Information Technology (Iccmit 2016). Cosenza, Italy, 26-29 April, 2016.

Publications.

15. Mounira Taileb, Wejdan Wajdi, Hind Hamdi, Galia Al-Garni, Sarah Al-Shehri, Manal Al-Marwani, "Children Tracking System In Indoor And Outdoor Places", vol: 9189, pp. 547-553, 2015.
DOI: [10.1007/978-3-319-20804-6_50](https://doi.org/10.1007/978-3-319-20804-6_50)
16. Raniah A. Alghamdi, Mounira Taileb, "Towards Semantic Image Retrieval Using Multimodal Fusion With Association Rules Mining", vol: 8521, pp. 407-418, 2014.
DOI: [10.1007/978-3-319-07731-4_41](https://doi.org/10.1007/978-3-319-07731-4_41)
17. Mounira Taileb, Elham Al-Ghamdi, Nusaibah Al-Ghanmi, Abeer Al-Mutari, Khadija Al-Jadani, Mona Al-Ghamdi, Alanood Al-Mutari, "Manasek Ar: A Location-Based Augmented Reality Application For Hajj And Umrah", vol: 8526, pp. 134-143, 2014.
DOI: [10.1007/978-3-319-07464-1_13](https://doi.org/10.1007/978-3-319-07464-1_13)
18. Raniah A. Alghamdi, Mounira Taileb, Mohammad Ameen, "A New Multimodal Fusion Method Based On Association Rules Mining For Image Retrieval", Melecon 2014 - 2014 17th Ieee Mediterranean Electrotechnical Conference, pp. 493-499, 2014.
DOI: [10.1109/MELCON.2014.6820584](https://doi.org/10.1109/MELCON.2014.6820584)
19. Mounira Taileb, Reem Al-Saggaf, Amal Al-Ghamdi, Maha Al-Zebaidi, Sultana Al-Sahafi, "Yusr: Speech Recognition Software For Dyslexics", vol: 8013, pp. 296-303, 2013.
DOI: [10.1007/978-3-642-39241-2_33](https://doi.org/10.1007/978-3-642-39241-2_33)
20. Mounira Taileb, "Content Based Image Retrieval System Using Nohis-Tree", The 10th International Conference, pp. 103, 2012.
DOI: [10.1145/2428955.2428980](https://doi.org/10.1145/2428955.2428980)
21. M. TAILEB, S. TOUATI, "Nohis-Tree: High-Dimensional Index Structure For Similarity Search", International Journal Of Computer, Electrical, Automation, Control And Information Engineering, Vol. 5:11, Pp. 1211-1218, 2011.
22. M. TAILEB, S. LAMROUS, S. TOUATI, "Non Overlapping Hierarchical Index Structure For Similarity Search", International Journal Of Electrical And Computer Engineering, 2008.
23. Ouddan, M.A., Sayah, S., Taileb, M., "Audio Database Retrieval Based On Sequence Alignment", International Conference On Signals And Electronic Systems, Icses'06; Lodz; Poland, 2006.
24. Sid LAMROUS, Mounira TAILEB, "Divisive Hierarchical K-Means", 2006 International Conference On Computational Intelligence For Modelling Control And Automation And International Conference On Intelligent Agents Web Technologies And International Commerce (Cimca'06), pp. 18-18, 2006.
DOI: [10.1109/CIMCA.2006.89](https://doi.org/10.1109/CIMCA.2006.89)