

Academic Resume



Fahd S. Alotaibi

Professor, Information Systems Department

Fahd Alotaibi earned his PhD in Computer Science from the University of Birmingham, United Kingdom in 2015. He is currently working as an Associate Professor in the Faculty of Computing and Information Technology, King Abdulaziz University, Jeddah, Saudi Arabia. His research interests include Natural Language Processing, Data Science, and Data Mining.

Contact Information.

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Highest Degree.

2015, PhD in Computer Science, Natural Language Processing and Data Science, University of Birmingham, UK.

Academic and Professional Experiences.

1. **2023 - Present**
Professor, Faculty of Computing and Information Technology, King Abdulaziz University., , .
2. **2022 - 2023**
Acting Vice Dean of Development, Faculty of Computing and Information Technology, King Abdulaziz University..
3. **2021 - Present**
Vice Dean of Graduate Studies and Scientific Research, Faculty of Computing and Information Technology, King Abdulaziz University.
4. **2019 - 2023**
Associate Professor, Faculty of Computing and Information Technology, King Abdulaziz University.
5. **2017 - 2021**
Head of Information Systems Department, Faculty of Computing and Information Technology, King Abdulaziz University.
6. **2016 - 2016**
Mentor, MiSK Hackathon Riyadh, MiSK Foundation.
7. **2015 - 2017**
General Supervisor of the Academic Affairs, Faculty of Computing and Information Technology, King Abdulaziz University.
8. **2015 - 2017**
Assistant Professor, Faculty of Computing and Information Technology, King Abdulaziz University.
9. **2015 - 2017**
Director of Social Responsibility Unit (SRU), Faculty of Computing and Information Technology, King Abdulaziz University.

Academic and Professional Experiences.

10. **2011 - 2012**

Demonstrator, School of Computer Science, University of Birmingham.

11. **2005 - 2009**

Demonstrator, Faculty of Computing and Information Technology, King Abdulaziz University.

Research Interests.

Data Science, Machine Learning, Artificial Intelligence, Natural Language Processing.

Teaching Interests.

Natural Language Processing, Data Science, Human Computer Interaction, Software Engineering, Information Retrieval.

Certifications and Trainings.

Social, Scientific and Professional Affiliation.

1. -, Reviewer, at the conference of Recent Advances in Natural Language Processing (Hissar, Bulgaria), (2015).

Publications.

1. Gang Kou, Hasan Din¸er, Serhat Yülksel, Fahd S. Alotaibi, "Imputed Expert Decision Recommendation System For Qfd-Based Omnichannel Strategy Selection For Financial Services", International Journal Of Information Technology & Decision Making, vol: 23, pp. 141-170, 2024.
DOI: [10.1142/S0219622023300033](https://doi.org/10.1142/S0219622023300033)
2. Eman Alqaissi, Fahd Alotaibi, Muhammad Sher Ramzan, Abdulmohsen Algarni, "Novel Graph-Based Machine-Learning Technique For Viral Infectious Diseases: Application To Influenza And Hepatitis Diseases", Annals Of Medicine, vol: 55, 2023.
DOI: [10.1080/07853890.2024.2304108](https://doi.org/10.1080/07853890.2024.2304108)
3. Khaled Hamed Alyoubi, Fahd Saleh Alotaibi, Akhil Kumar, Vishal Gupta, Akashdeep Sharma, "A Novel Multi-Layer Feature Fusion-Based Bert-Cnn For Sentence Representation Learning And Classification", Robotic Intelligence And Automation, vol: 43, pp. 704-715, 2023.
DOI: [10.1108/RIA-04-2023-0047](https://doi.org/10.1108/RIA-04-2023-0047)
4. Mahmoud Ragab, Reda Salama, Fahd S. Alotaibi, Hesham A. Abdushkour, Ibrahim R. Alzahrani, "Political Optimizer With Deep Learning Based Diagnosis For Intracranial Hemorrhage Detection", Ieee Access, vol: 11, pp. 71484-71493, 2023.
DOI: [10.1109/ACCESS.2023.3293754](https://doi.org/10.1109/ACCESS.2023.3293754)
5. Mustaqeem Khan, Abdulmotaleb El Saddik, Fahd Saleh Alotaibi, Nhat Truong Pham, "Aad-Net: Advanced End-To-End Signal Processing System For Human Emotion Detection & Recognition Using Attention-Based Deep Echo State Network", Knowledge-Based Systems, vol: 270, pp. 110525, 2023.
DOI: [10.1016/j.knosys.2023.110525](https://doi.org/10.1016/j.knosys.2023.110525)
6. Eman Alqaissi, Fahd Alotaibi, Muhammad Sher Ramzan, "Graph Data Science And Machine Learning For The Detection Of Covid-19 Infection From Symptoms", Peerj Computer Science, vol: 9, pp. e1333, 2023.
DOI: [10.7717/peerj-cs.1333](https://doi.org/10.7717/peerj-cs.1333)
7. Fahd Saleh Alotaibi, "Implementation Of Ensemble Machine Learning Techniques On Hotel Reservation System", International Journal Of Emerging Technology And Advanced Engineering, vol: 13, pp. 22-31, 2023.
DOI: [10.46338/ijetae0323_03](https://doi.org/10.46338/ijetae0323_03)
8. Eman Alasmari, Mohamed Hamdy, Khaled H. Alyoubi, and Fahd Saleh Alotaibi, "Arabic Stock-News Sentiments And Economic Aspects Using Bert Model", (Ijacs) International Journal Of Advanced Computer Science And Applications, 2023.
9. Fahd Saleh Alotaibi, "A Machine Learning Approach To Improve The Digital Forensics Process", Emerging Trends In Multidisciplinary Research (Etmr - 23), 2023.
10. Hang Su, Dong Zhao, Fanhua Yu, Ali Asghar Heidari, Zhangze Xu, Fahd S Alotaibi, Majdi Mafarja, Huiling Chen, "A Horizontal And Vertical Crossover Cuckoo Search: Optimizing Performance For The Engineering Problems", Journal Of Computational Design And Engineering, vol: 10, pp. 36-64, 2022.
DOI: [10.1093/jcde/qwac112](https://doi.org/10.1093/jcde/qwac112)
11. Fahd Saleh Alotaibi, Saurabh Sharma, Vishal Gupta, Savita Gupta, "Keyphrase Extraction Using Enhanced Word And Document Embedding", Iete Journal Of Research, pp. 1-13, 2022.
DOI: [10.1080/03772063.2022.2103036](https://doi.org/10.1080/03772063.2022.2103036)
12. Eman Yahia Alqaissi, Fahd Saleh Alotaibi, Muhammad Sher Ramzan, Philip Broadbridge, "Modern Machine-Learning Predictive Models For Diagnosing Infectious Diseases", Computational And Mathematical Methods In Medicine, vol: 2022, pp. 1-13, 2022.
DOI: [10.1155/2022/6902321](https://doi.org/10.1155/2022/6902321)
13. Fahd S. Alotaibi, "An Enhanced Adaboost Classifier For Smart City Big Data Analytics", Tehni?Ki Glasnik, vol: 16, pp. 306-310, 2022.
DOI: [10.31803/tg-20220305125327](https://doi.org/10.31803/tg-20220305125327)

Publications.

14. Khulood O. Aljuhani, Khaled H. Alyoubi, Fahd S. Alotaibi, "Detecting Arabic Offensive Language In Microblogs Using Domain-Specific Word Embeddings And Deep Learning", *Tehni?Ki Glasnik*, vol: 16, pp. 394-400, 2022.
DOI: [10.31803/tg-20220305120018](https://doi.org/10.31803/tg-20220305120018)
15. Eman Alasmari, Mohamed Hamdy, Khaled H. Alyoubi, and Fahd Saleh Alotaibi, "Stock News Dataset Quality Assessment By Evaluating The Data Distribution And The Sentiment Prediction", *International Journal Of Computer Science And Network Security*, 2022.
16. Fahd Saleh Alotaibi, and Saurabh Sharma, "Distributed Feature Sets For Document Specific Key-Phrase Extraction", *Cybernetics And Systems*, 2022.
17. Fahd Alotaibi, Vishal Gupta, "Sentiment Analysis System Using Hybrid Word Embeddings With Convolutional Recurrent Neural Network", *The International Arab Journal Of Information Technology*, vol: 19, 2022.
DOI: [10.34028/iajit/19/3/6](https://doi.org/10.34028/iajit/19/3/6)
18. Linah Alhaidari, Khaled Alyoubi, Fahd Alotaibi, "Detecting Irony In Arabic Microblogs Using Deep Convolutional Neural Networks", *International Journal Of Advanced Computer Science And Applications*, vol: 13, 2022.
DOI: [10.14569/IJACSA.2022.0130187](https://doi.org/10.14569/IJACSA.2022.0130187)
19. Shada Alharbi, Khaled Alyoubi, Fahd Alotaibi, "Deep Learning Based Rumor Detection For Arabic Micro-Text", *International Journal Of Computer Science And Network Security*, 2021.
20. Khaled H. Alyoubi, Fahd S. Alotaibi, "Evaluating Conversion Rate From Advertising In Social Media Using Big Data Clustering", *Ijcsns International Journal Of Computer Science And Network Security*, 2021.
21. Ansar Mehmood Khan, Abdul Shahid, Muhammad Tanvir Afzal, Fakhra Nazar, Fahd S. Alotaibi, Khaled H. Alyoubi, "Swics: Section-Wise In-Text Citation Score", *Ieee Access*, vol: 7, pp. 137090-137102, 2019.
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22. Wahab Khan, Ali Daud, Khairullah Khan, Jamal Abdul Nasir, Mohammed Basher, Naif Aljohani, Fahd Saleh Alotaibi, "Part Of Speech Tagging In Urdu: Comparison Of Machine And Deep Learning Approaches", *Ieee Access*, vol: 7, pp. 38918-38936, 2019.
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23. Malik Muhammad Saad Missen, Micka?l Coustaty, Gyu Sang Choi, Fahd Saleh Alotaibi, Nadeem Akhtar, Muhammad Zeeshan Jhandir, V. B. Surya Prasath, Nadeem Salamat, Mujtaba Husnain, "Opinionml???Opinion Markup Language For Sentiment Representation", *Symmetry*, vol: 11, pp. 545, 2019.
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24. Wahab Khan, Ali Daud, Fahd Alotaibi, Naif Aljohani, Sachi Arafat, "Deep Recurrent Neural Networks With Word Embeddings For Urdu Named Entity Recognition", *Etri Journal*, 2019.
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25. Sara Alomari, Mona Alghamdi, Fahd S. Alotaibi, "Enhancing Big Data Auditing", *Computer And Information Science*, vol: 11, pp. 90, 2018.
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26. Fahd Saleh Alotaibi, Vishal Gupta, "A Cognitive Inspired Unsupervised Language-Independent Text Stemmer For Information Retrieval", *Cognitive Systems Research*, vol: 52, pp. 291-300, 2018.
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27. Fahd Saleh Alotaibi, Vishal Gupta, Jasmeet Singh, "Comparative Analysis Of Effect Of Corpus-Based Stemmers In Sentiment Analysis", *International Journal Of Research In Electronics And Computer Engineering*, 2018.

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28. Wahab Khan, Ali Daud, Jamal Abdul Nasir, Tehmina Amjad, Sachi Arafat, Naif Aljohani, Fahd S. Alotaibi, "Urdu Part Of Speech Tagging Using Conditional Random Fields", *Language Resources And Evaluation*, vol: 53, pp. 331-362, 2018.
DOI: [10.1007/s10579-018-9439-6](https://doi.org/10.1007/s10579-018-9439-6)
29. Sultan Al-Otaibi, Naif Radi Aljohani, Md. Rakibul Hoque, Fahd S. Alotaibi, "The Satisfaction Of Saudi Customers Toward Mobile Banking In Saudi Arabia And The United Kingdom", *Journal Of Global Information Management*, vol: 26, pp. 85-103, 2018.
DOI: [10.4018/JGIM.2018010105](https://doi.org/10.4018/JGIM.2018010105)
30. Eman A. Alhazmi, Walaa A. Bajunaid, Fahd S. Alotaibi, Sjaak Laan, "Real-Time Big Data Analytics: Investigating Different Application Domains", *International Advanced Research Journal In Science, Engineering And Technology (Iarjs)*, 2017.
31. Amjad Fahad, Bashayer Ali, Fahd S. Alotaibi, "Security Of Internet Of Things: Challenges, Requirements And Future Directions", *International Conference On Computer And Network Communications*. San Francisco, Usa, Sep 28-29, 2017.
32. Amani M. Ghazzawi, Fatimah M. Alqahtani, Fahd S. Alotaibi, Sjaak Laan, "An Investigation Of The Most Critical Security Vulnerabilities In Cloud Computing In Saudi Arabia", *Journal Of Advances In Information Technology (Jait)*, 2017.
33. Mehreen Gillani, Muhammad U. Ilyas, Saad Saleh, Jalal S. Alowibdi, Naif Aljohani, and Fahad S. Alotaibi, "Post Summarization Of Microblogs Of Sporting Events", In *Proceedings Of The 26th International Conference On World Wide Web Companion (Www ???17 Companion)*. Republic And Canton Of Geneva, Switzerland, 59-68, 2017.
34. Mehreen Gillani, Muhammad U. Ilyas, Saad Saleh, Jalal S. Alowibdi, Naif Aljohani, Fahad S. Alotaibi, "Post Summarization Of Microblogs Of Sporting Events", *The 26th International Conference*, pp. 59-68, 2017.
DOI: [10.1145/3041021.3054146](https://doi.org/10.1145/3041021.3054146)
35. Khadijah M Alzhrani and Fahd S Alotaibi, "Ensuring Security And Privacy For Cloud-Based Eservices", *International Journal Of Computer Applications* 149(11):8-13, 2016.
36. F. Alotaibi and M. Lee, "A Hybrid Approach To Features Representation For Fine-Grained Arabic Named Entity Recognition", In *Proceedings Of The 25th International Conference On Computational Linguistics (Coling)*. Dublin, Ireland, August 23-29,, 2014.
37. F. Alotaibi and M. Lee, "Automatically Developing A Fine-Grained Arabic Named Entity Corpus And Gazetteer By Utilizing Wikipedia", In *Proceedings Of International Joint Conference Of Natural Language Processing (Ijcnlp)*, P392-400. Nagoya, Japan, October, 2013.
38. F. Alotaibi and M. Lee, "Towards An Automatic Development Of Named Entities Corpus From Arabic Wikipedia", In *Second Workshop On Arabic Corpus Linguistics: Posters*, P60-61, Lancaster University, Uk, July 22nd., 2013.
39. F. Alotaibi and M. Lee, "Detecting Named Entities In The Arabic Wikipedia", *Linguistica Commu- Nicatio: International Journal Of Arabic Language Engineering & General Linguistics*, 5:109-126, 2012.
40. F. Alotaibi and M. Lee, "Mapping Arabic Wikipedia Into The Named Entities Taxonomy", In *Proceedings Of The 24th International Conference On Computational Linguistics (Coling)*, P43-52, Iit, Mumbai, India, December 8-15. (Acceptance Rate: 27%), 2012.
41. F. Alotaibi and M. Lee, "Using Wikipedia As A Resource For Arabic Named Entity Recognition", In *The 4th International Conference On Arabic Language Processing (Citala12)*, Rabat, Morocco, 2012.