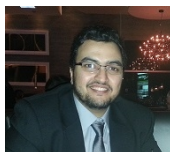


Academic Resume



Abdulrhman Alshareef

Associate Professor, Information Systems Department

Well-qualified Data Scientist experienced familiar with gathering, cleaning and organizing data for use by technical and non-technical personnel. Working with vast data sets to break down information, gather relevant points and solve advanced business problems. Skilled in predictive modeling, data mining and hypothetical testing. Offering 10 years of experience in improving business operations. Highly organized, motivated and diligent with significant background in recommendation system.

Contact Information.

Room 160, amralshareef@kau.edu.sa.

Highest Degree.

2019, Ph.D. in Computer Science, Data mining and Recommendation system using ML, University of Ottawa, Canada.

Academic and Professional Experiences.

1. **2023 - Present**
Head of Information Systems Department, Jeddah, King Abdulaziz University.
2. **2023 - Present**
Associate Professor, FCIT, King Abdulaziz University.
3. **2021 - Present**
Scientific reviewer, Virtual, Taibah university.
4. **2021 - 2023**
Exit Exam Unit manager, FCIT, King Abdulaziz university.
5. **2021 - 2023**
Development Consultant, Faculty of Law, King Abdulaziz university.
6. **2021 - 2021**
Exit Exam coordinator, FCIT, King Abdulaziz university.
7. **2020 - Present**
Scientific reviewer, Virtual, Tabuk university.
8. **2020 - 2021**
Head of educational experience quality assurance committee, Jeddah, Kau.
9. **2020 - 2020**
Defense Committee member, Faculty of Engineering, Jeddah, King Abdulaziz university.
10. **2020 - 2020**
Program Committee, Virtual, IEEE 21 International Conference Information Reuse and Integration for Data Science.
11. **2019 - Present**
Scientific reviewer, Virtual, IEEE.

Last Profile Update: May 01, 2024

Academic and Professional Experiences.

12. **2019 - 2023**
Assistant professor, Jeddah, King Abdulaziz university.
13. **2012 - 2013**
Vice President, Ottawa, Saudi Student Club.
14. **2011 - 2012**
President, Saudi Student Association, Ottawa, University of Ottawa.
15. **2010 - 2011**
Vice President, Saudi Student Association, Ottawa, University of Ottawa..
16. **2010 - 2010**
Consultative Group Member, Rehabilitation Department, Ottawa, Ottawa Hospital.
17. **2009 - 2009**
Vice President for Financial Affairs, Ottawa, Saudi Student Club.
18. **2008 - 2019**
Researcher , MCRLab, Ottawa, Canada, university of Ottawa.
19. **2007 - 2008**
Teaching Assistant, Jeddah, King Abdulaziz university.
20. **2005 - 2007**
System analyst , Taajer Co., Jeddah, Rusd Group.

Research Interests.

Smart data, Data Sciences, e-business technologies, Cloud oriented architecture, Information Systems.

Teaching Interests.

Machine Learning, Data Science, Information Assurance, Artificial Intelligence.

Certifications and Trainings.

1. Analyzing Data with Microsoft Power BI workshop, Microsoft Montreal bransh.
2. Data Engineering Professional, RapidMiner Academy.
3. Machine Learning Professional, RapidMiner Academy.
4. Cooperative training, Saudi ARAMCO.
5. Customer relationship management training , Tanmiah Commercial Group.
6. Powerful communication , Mitacs, Canada.
7. Total Quality Management workshop, university of Ottawa.
8. Higher Education Teaching certificate, Harvard University.

Social, Scientific and Professional Affiliation.

1. 2007-Present, Member, IEEE.
2. 2007-Present, Member, ACM.
3. 2010-2019, Research Member, MCRLab ,university of Ottawa, Ottawa, Canada.
4. 2019-Present, Assistant professor, King Abdulaziz university.
5. 2011-2012, President, Saudi Student Association.
6. 2008-2018, Member, Saudi Student Club.
7. 2010-2011, Vice President, Saudi Student Association.
8. 2012-2013, Vice President, Saudi Student Club.
9. 2010-2018, Member of the Board of Directors, Saudi School in ottawa.

Publications.

1. Rajesh Yelchuri, Alaa O. Khadidos, Adil O. Khadidos, Abdulrhman M. Alshareef, Gandharba Swain, Jatindra Kumar Dash, "Deep Semantic Feature Reduction For Efficient Remote Sensing Image Retrieval", Ieee Access, vol: 11, pp. 112787-112803, 2023.
DOI: [10.1109/ACCESS.2023.3324133](https://doi.org/10.1109/ACCESS.2023.3324133)
2. Mahmoud Ragab, Hesham A. Abdushkour, Adil O. Khadidos, Abdulrhman M. Alshareef, Khaled H. Alyoubi, Alaa O. Khadidos, "Improved Deep Learning-Based Vehicle Detection For Urban Applications Using Remote Sensing Imagery", Remote Sensing, vol: 15, pp. 4747, 2023.
DOI: [10.3390/rs15194747](https://doi.org/10.3390/rs15194747)
3. Adil O. Khadidos, Zenah Mahmoud AlKubaisy, Alaa O. Khadidos, Khaled H. Alyoubi, Abdulrhman M. Alshareef, Mahmoud Ragab, "Binary Hunter–Prey Optimization With Machine Learning—Based Cybersecurity Solution On Internet Of Things Environment", Sensors, vol: 23, pp. 7207, 2023.
DOI: [10.3390/s23167207](https://doi.org/10.3390/s23167207)
4. Mahmoud Ragab, Adil O. Khadidos, Abdulrhman M. Alshareef, Khaled H. Alyoubi, Diao Hamed, Alaa O. Khadidos, "Internet Of Things Assisted Solid Biofuel Classification Using Sailfish Optimizer Hybrid Deep Learning Model For Smart Cities", Sustainability, vol: 15, pp. 12523, 2023.
DOI: [10.3390/su151612523](https://doi.org/10.3390/su151612523)
5. S. Shitharth, Abdulrhman M. Alshareef, Adil O. Khadidos, Khaled H. Alyoubi, Alaa O. Khadidos, Mueen Uddin, "A Conjugate Self-Organizing Migration (Csom) And Reconciliate Multi-Agent Markov Learning (Rmml) Based Cyborg Intelligence Mechanism For Smart City Security", Scientific Reports, vol: 13, 2023.
DOI: [10.1038/s41598-023-42257-0](https://doi.org/10.1038/s41598-023-42257-0)
6. Adil O. Khadidos, Abdulrhman M. Alshareef, Hariprasath Manoharan, Alaa O. Khadidos, S Shitharth, "Application Of Improved Support Vector Machine For Pulmonary Syndrome Exposure With Computer Vision Measures", Current Bioinformatics, vol: 18, 2023.
DOI: [10.2174/1574893618666230206121127](https://doi.org/10.2174/1574893618666230206121127)
7. Abdulrhman M. Alshareef, "A Machine Learning Supervised Model To Detect Cyber Begging In Social Media", 3rd International Conference On Emerging Technologies In Data Mining And Information Security, Emerging Technologies In Data Mining And Information Security, vol: 490, pp. 213-223, 2023.
DOI: [10.1007/978-981-19-4052-1_23](https://doi.org/10.1007/978-981-19-4052-1_23)
8. S Shitharth, Fahad S. Alotaibi, Hariprasath Manoharan, Adil O. Khadidos, Khaled H. Alyoubi, Abdulrhman M. Alshareef, "Reconnoitering The Significance Of Security Using Multiple Cloud Environments For Conveyance Applications With Blowfish Algorithm", Journal Of Cloud Computing, 2022.
9. Hana Almagrabi, Abdulrhman M. Alshareef, Hariprasath Manoharan, Hana Mujlid, Ayman Yafoz, Shitharth S, "Empirical Compression Features Of Mobile Computing And Data Applications Using Deep Neural Networks", Security And Communication Networks, 2022.
10. Anil V Turukmane, Nawaf Alhebaishi, Abdulrhman M. Alshareef, Olfat M. Mirza, Arpit Bhardwaj, Bharat Singh, "Multispectral Image Analysis For Monitoring By Iot Based Wireless Communication Using Secure Locations Protocol And Classification By Deep Learning Techniques", Optik, pp. 170122, 2022.
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11. Abdulrhman M. Alshareef, Mohammed Khojah, "The Impact Of Online Trading From A Personal And Technical Perspective On Trade Stocks In Emerging Markets", International Journal Of Data Analysis Techniques And Strategies, vol: 14, pp. 1, 2022.
DOI: [10.1504/IJDATS.2022.10051414](https://doi.org/10.1504/IJDATS.2022.10051414)
12. Shitharth S, Hariprasath Manoharan, Abdulrhman M. Alshareef, Ayman Yafoz, Hassan Alkhiri, Olfat M. Mirza, "Hyper Spectral Image Classifications For Monitoring Harvests In Agriculture Using Fly Optimization Algorithm", Computers And Electrical Engineering, vol: 103, pp. 108400, 2022.
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13. Alaa O. Khadidos, Adil O. Khadidos, Hariprasath Manoharan, Khaled H. Alyoubi, Abdulrhman M. Alshareef, Shitharth Selvarajan, Albert Alexander Stonier, "Integrating Industrial Appliances For Security Enhancement In Data Point Using Scada Networks With Learning Algorithm", International Transactions On Electrical Energy Systems, vol: 2022, pp. 1-11, 2022.
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14. Nawaf Alhebaishi, Abdulrhman M. Alshareef, Tawfiq Hasanin, Raed Alsini, Gyanendra Prasad Joshi, Seongsoo Cho, Doo Ill Chul, "Soft Computing Based Metaheuristic Algorithms For Resource Management In Edge Computing Environment", Computers, Materials & Continua, vol: 72, pp. 5233-5250, 2022.
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15. Pravin R. Kshirsagar, Hariprasath Manoharan, S. Shitharth, Abdulrhman M. Alshareef, Dilbag Singh, Heung-No Lee, "Probabilistic Framework Allocation On Underwater Vehicular Systems Using Hydrophone Sensor Networks", Water, vol: 14, pp. 1292, 2022.
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16. Pravin R. Kshirsagar, Hariprasath Manoharan, S. Shitharth, Abdulrhman M. Alshareef, Nabeel Albishry, Praveen Kumar Balachandran, "Deep Learning Approaches For Prognosis Of Automated Skin Disease", Life, vol: 12, pp. 426, 2022.
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17. Abdulrhman M. Alshareef, Raed Alsini, Mohammed Alsieni, Fadwa Alrowais, Radwa Marzouk, Ibrahim Abunadi, Nadhem Nemri, K. Shankar, "Optimal Deep Learning Enabled Prostate Cancer Detection Using Microarray Gene Expression", Journal Of Healthcare Engineering, vol: 2022, pp. 1-12, 2022.
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18. Gharbi Alshammari, Abdulsattar Abdullah Hamad, Zeyad M. Abdullah, Abdulrhman M. Alshareef, Nawaf Alhebaishi, Abdullah Alshammari, Assaye Belay, Shalli Rani, "Applications Of Deep Learning On Topographic Images To Improve The Diagnosis For Dynamic Systems And Unconstrained Optimization", Wireless Communications And Mobile Computing, vol: 2021, pp. 1-7, 2021.
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19. Abdulrhman M. Alshareef, Mohammed F. Alhamid, Abdulmotaleb El Saddik, "Academic Venue Recommendations Based On Similarity Learning Of An Extended Nearby Citation Network", Ieee Access, vol: 7, pp. 38813-38825, 2019.
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20. Abdulrhman M. Alshareef, Mohammed F. Alhamid, Abdulmotaleb El Saddik, "Toward Citation Recommender Systems Considering The Article Impact In The Extended Nearby Citation Network", Peer-To-Peer Networking And Applications, vol: 12, pp. 1336-1345, 2018.
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21. Abdulrhman M. Alshareef, Mohammed F. Alhamid, Abdulmotaleb El Saddik, "Article Impact Value For Nearby Citation Network Analysis", 2018 Ieee International Conference On Big Data And Smart Computing (Bigcomp), pp. 398-403, 2018.
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22. Abdulrhman M. Alshareef, Mohammed F. Alhamid, Abdulmotaleb El Saddik, "Recommending Scientific Collaboration Based On Topical, Authors And Venues Similarities", 2018 Ieee International Conference On Information Reuse And Integration For Data Science (Iri), pp. 55-61, 2018.
DOI: [10.1109/IRI.2018.00016](https://doi.org/10.1109/IRI.2018.00016)
23. Mohammed F. Alhamid, Mohamad Eid, Abdulrhman Alshareef, Abdulmotaleb El Saddik, "Mmbip: Biofeedback System Design On Cloud-Oriented Architecture", 2012 Ieee International Symposium On Robotic And Sensors Environments (Rose), pp. 79-84, 2012.
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24. Abdulrhman Alshareef, Abdulmotaleb El Saddik, "A Quranic Quote Verification Algorithm For Verses Authentication", 2012 International Conference On Innovations In Information Technology (Iit), pp. 339-343, 2012.

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