

Academic Resume



Aisha Alsobhi

Assistant Professor, Information Systems Department

Contact Information.

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Highest Degree.

2016, , Ontological Approach forDeveloping an Adaptive E-Learning System Based on Students with Dyslexia Learning Styles, University of Middlesex, UK.

Academic and Professional Experiences.

1. **2019 - Present**
Assistance Professor, Information System Department, Faculty of Computer and Information Technology, King Abdulaziz University, Saudi Arabia.
2. **2017 - 2019**
Assistance Professor, Information System Department, School of Computer Science and Engineering, Taibah University, Saudi Arabia.
3. **2014 - 2017**
Lecturer, Information System Department, School of Computer Science and Engineering, Taibah University, Saudi Arabia.

Research Interests.

Semantic web, Adaptive Technology, Recommender System.

Teaching Interests.

Software Engineering, Database, Software Project Management.

Certifications and Trainings.

Social, Scientific and Professional Affiliation.

1. 2016-2018, Information System Department Supervisor, Taibah University.

Publications.

1. Hanan Aloatibi, Aisha Alsobhi, "Eyesight Tests And Lazy Eye Exercise By Using Virtual Reality (Vr)", Journal Of King Abdulaziz University Computing And Information Technology, 2023.
2. OLFAT M. MIRZA, AISHA ALSOBHI, TAWFIQ HASANIN, MOHAMAD KHAIRI ISHAK, FATEN KHALID KARIM , AND SAMIH M. MOSTAFA, "Computer Aided Diagnosis For Gastrointestinal Cancer Classification Using Hybrid Rice Optimization With Deep Learning", Ieee Access, 2023.
3. Aisha Alsobhi, "Prediction Of Covid-19 Disease By Arima Model And Tuning Hyperparameter Through Gridsearchcv", vol: 490, pp. 543-551, 2022.
DOI: [10.1007/978-981-19-4052-1_54](https://doi.org/10.1007/978-981-19-4052-1_54)
4. Aisha Alsobhi, Ngiste Amare, Manoj Diwakar, "Ontology-Based Relational Product Recommendation System", Computational And Mathematical Methods In Medicine, vol: 2022, pp. 1-11, 2022.
DOI: [10.1155/2022/1591044](https://doi.org/10.1155/2022/1591044)
5. B. Bazeer Ahamed, D. Yuvaraj, S. Shitharth, Olfat M. Mirza, Aisha Alsobhi, Ayman Yafoz, Kuruva Lakshmana, "An Efficient Mechanism For Deep Web Data Extraction Based On Tree-Structured Web Pattern Matching", Wireless Communications And Mobile Computing, vol: 2022, pp. 1-10, 2022.
DOI: [10.1155/2022/6335201](https://doi.org/10.1155/2022/6335201)
6. Adil Khadidos, A.V.V.S. Subbalakshmi, Alaa Khadidos, Aisha Alsobhi, Syed Mufassir Yaseen, Olfat M. Mirza, "Wireless Communication Based Cloud Network Architecture Using Ai Assisted With Iot For Fintech Application", Optik, vol: 269, pp. 169872, 2022.
DOI: [10.1016/j.ijleo.2022.169872](https://doi.org/10.1016/j.ijleo.2022.169872)
7. Aisha Alsobhi, Maram Meccawy, Zilal Meccawy, "The Impacts Of E-Learning Readiness In Higher Education During Covid 19 Pandemic", International Transaction Journal Of Engineering, Management, & Applied Sciences & Technologies, 2021.
8. Tawfiq Hasanin, Aisha Alsobhi, Adil Khadidos, Ayman Qahmash, Alaa Khadidos, Gabriel Ayodeji Ogunmola, Fahd Abd Algalil, "Efficient Multiuser Computation For Mobile-Edge Computing In Iot Application Using Optimization Algorithm", Applied Bionics And Biomechanics, vol: 2021, pp. 1-12, 2021.
DOI: [10.1155/2021/9014559](https://doi.org/10.1155/2021/9014559)
9. Zilal Meccawy, Maram Meccawy, Aisha Alsobhi, "Assessment In 'Survival Mode': Student And Faculty Perceptions Of Online Assessment Practices In He During Covid-19 Pandemic", International Journal For Educational Integrity, vol: 17, 2021.
DOI: [10.1007/s40979-021-00083-9](https://doi.org/10.1007/s40979-021-00083-9)
10. Maram Meccawy, Zilal Meccawy, Aisha Alsobhi, "Teaching And Learning In Survival Mode: Students And Faculty Perceptions Of Distance Education During The Covid-19 Lockdown", Sustainability, vol: 13, pp. 8053, 2021.
DOI: [10.3390/su13148053](https://doi.org/10.3390/su13148053)
11. Esraa Maskati, Fatimah Alkeraiem, Nada Khalil, Raha Baik, Rawan Aljuhani, Aisha Alsobhi, "Using Virtual Reality (Vr) In Teaching Students With Dyslexia", International Journal Of Emerging Technologies In Learning (Ijet), vol: 16, pp. 291, 2021.
DOI: [10.3991/ijet.v16i09.19653](https://doi.org/10.3991/ijet.v16i09.19653)
12. Aisha Y Alsobhi, Khaled H Alyoubi, "Learning Styles And Dyslexia Types – Understanding Their Relationship And Its Benefits In Adaptive E-Learning Systems", International Journal Of Interactive Mobile Technologies (Ijim), vol: 14, pp. 25, 2020.
DOI: [10.3991/ijim.v14i15.16129](https://doi.org/10.3991/ijim.v14i15.16129)
13. Aisha Yaqub Alsobhi, Khaled Hamed Alyoubi, "Adaptation Algorithms For Selecting Personalised Learning Experience Based On Learning Style And Dyslexia Type", Data Technologies And Applications, vol: 53, pp. 189-200, 2019.
DOI: [10.1108/DTA-10-2018-0092](https://doi.org/10.1108/DTA-10-2018-0092)

Publications.

14. Alsobhi, A., Khan, N. & Rahanu, H., "Dael Framework A New Adaptive E-Learning Framework For Students With Dyslexia", The International Conference On Computational Science, (Iccs 2015), 2015.
15. Alsobhi, A., Khan, N. & Rahanu, H., "An Empirical Approach To Validate The Dyslexia Adaptive E-Learning (Dael) Framework", The 10th International Conference On Computer Science & Education (Ieee) (Iccse 2015), 2015.
16. Alsobhi, A., Khan, N. & Rahanu, H., "Dyslexia Adaptive E-Learning System Based On Multi-Layer Architecture", The International Conference On Science And Information (Ieee), 2015.
17. Alsobhi, A., Khan, N. & Rahanu, H., "Personalised Learning Materials Based On Dyslexia Types: Ontological Approach", The 19th International Conference On Knowledge-Based And Intelligent Information & Engineering Systems, 2015.
18. Alsobhi, A., Khan, N. & Rahanu, H., "Toward Linking Dyslexia Types And Symptoms To The Available Assistive Technologies", The 14th Ieee International Conference Advance Learning Technologies (Icalt 2014), 2014.
19. Abeysinghe, G. & Alsobhi, "Social Media Readiness In Small Businesses", The Iadis International Conference On Information System, 2013.
20. Alsobhi, A. & Abeysinghe, G., "An Evaluation Of Accessibility Of E-Learning For Dyslexic Students", The Ctit International Conference On Current Trend On Information Technology, 2013.