Academic Resume

Khalid Alomar

Associate Professor, Information Systems Department

Contact Information.

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Highest Degree.

2010, Ph.D. in Software Engineering, Human Computer Interaction, University of Bradford, UK.

Academic and Professional Experiences.

1. **2019 - Present**
   Associate Professor, Saudi Arabia, Information systems Department, Faculty of Computing and Information Technology, King Abdul Aziz University,.
2. **2012 - 2022**
   Vice Dean of Technical affairs at the Deanship of e-Learning and Distance Education, King Abdulaziz University, Deanship of e-Learning and Distance Education at KAU.
3. **2011 - 2018**
   Assistance Professor, Saudi Arabia, Information systems Department, Faculty of Computing and Information Technology, King Abdul Aziz University.
4. **2011 - 2011**
   Chairman of E-Learning Systems and Projects Department at the Deanship of Distance Learning, , .

Research Interests.

Machine learning, E-commerce, Human Computer Interaction, E-learning.

Teaching Interests.

Systems Analysis and Design, Human-computer interaction, Software engineering.

Certifications and Trainings.

1. SL- 275 Java Programming.
2. Quality Standards for E-exams Design.
3. Blackboard Administrator.
4. Blackboard Learn for Academic Collaboration Essentials.
5. Blackboard Examplery Courses.
6. Blackboard Collaborate Learning Services.
7. Blackboard Certified Trainer.
8. Preparing e-Content for Special Needs.
9. Basing Leadership Skills for Best Practices.
10. Online Assessment Tools (E-Exams) & Learning Analytics.
11. National Policy and Governance on Open Educational Resources in Saudi Arabia.
12. ECHO360.
13. Teaching for the Development for Creative.
14. Quality & Effective Learning with Formal and Non-Formal Learning.

Social, Scientific and Professional Affiliation.

1. -, Member of a program committee, of Integrated Intelligent Computing (ICIIC 2010) IEEE conference.
2. -, Program committee Members, of 8th International Conference on Advanced Computer Science and Information Technology (ICAIT 2019) Conference.

Publications.

1. Abeer Alabbas, Khalid Alomar, "Tayseer: A Novel Ai-Powered Arabic Chatbot Framework For Technical And Vocational Student Helpdesk Services And Enhancing Student Interactions", Applied Sciences, vol: 14, pp. 2547, 2024.
   DOI: 10.3390/app14062547
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
3. Hamed AL-Rubaiee, Khalid Alomar, "Using Sentiment Analysis Of Arabic Tweets To Fine-Tune Crm Structure", Journal Of King Abdulaziz University Computing And Information Technology Sciences, 2023.
4. Talal Almutiri, Khalid Alomar, Nofe Alganmi, "Predicting Drug Response On Multi-Omics Data Using A Hybrid Of Bayesian Ridge Regression With Deep Forest", International Journal Of Advanced Computer Science And Applications, vol: 14, 2023.
   DOI: 10.14569/IJACSA.2023.0140550
5. Seham Basabain, Erik Cambria, Khalid Alomar, Amir Hussain, "Enhancing Arabic?Text Feature Extraction Utilizing Label?Semantic Augmentation In Few/Zero?Shot Learning", Expert Systems, 2023.
   DOI: 10.1111/exsy.13329
6. Bshaer Alwagdani, Khalid Alomar, "Increasing Student Engagement With Personalized Emails", Computer And Information Science, vol: 13, pp. 54, 2020.
   DOI: 10.5539/cis.v13n2p54
7. Mona Alghamdi, Khalid Alomar, "Developing A Web Credibility Evaluation Tool Using Promethee Method", Computer And Information Science, vol: 12, pp. 46, 2019.
   DOI: 10.5539/cis.v12n2p46
8. Shahad Khoja, "E-Commerce Credibility In Saudi Arabia : Consumer Perspective", Advanced Computing: An International Journal, vol: 9, pp. 01-18, 2018.
   DOI: 10.5121/acij.2018.9501
9. Hamed AL-Rubaiee, Khalid Alomar, Renxi Qiu, Dayou Li, "Tuning Of Customer Relationship Management (Crm) Via Customer Experience Management (Cem) Using Sentiment Analysis On Aspects Level", International Journal Of Advanced Computer Science And Applications, vol: 9, 2018.
   DOI: 10.14569/IJACSA.2018.090540
10. Hamed AL-Rubaiee, Renxi Qiu, Khalid Alomar, Dayou Li, "Techniques For Improving The Labelling Process Of Sentiment Analysis In The Saudi Stock Market", International Journal Of Advanced Computer Science And Applications, vol: 9, 2018.
    DOI: 10.14569/IJACSA.2018.090307
11. Norah Al-Malki, Khalid Alomar., Lamya Baharith, Miada Almasre, Walaa Al-Hibshi, Wedad Al-Jifry, "Data Mining Learners??? Online Interactions As Indicators Of Engagement", International Conference On Blended Learning - Riyadh, Ksa, On 21-23, Nov., 2017.
12. Bshaer Alwagadani, Khalid Alomar, "Personalizing University Email Toward User Acceptance: An Initial Study", International Journal Of Computer Applications, vol: 160, pp. 17-23, 2017.
    DOI: 10.5120/ijca2017913050
13. Khalid Al-Omar, "Automated Usability Evaluation Of E-Learning Websites In Saudi Arabia", 5th International Conference Of Advanced Computer Science & Information Technology, pp. 01-10, 2017.
    DOI: 10.5121/csit.2017.70801
14. Khalid Alomar, "Evaluating Usability And Learnability Of Lms ???Blackboard??? Using Sus And Data Mining", Ieee., 2017.

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Publications.

15. Hamed Al-Rubaiee, Khalid Alomar, "Clustering Students??? Arabic Tweets Using Different Schemes", International Journal Of Advanced Computer Science And Applications, vol: 8, 2017.
DOI: 10.14569/IJACSA.2017.080438
16. Khalid Al-Omar, "Evaluating The Internal And External Usability Attributes Of E-Learning Websites In Saudi Arabia", Advanced Computing: An International Journal, vol: 8, pp. 01-12, 2017.
DOI: 10.5121/acij.2017.8401
17. Ahmed Alzahrani, Khaled Alomar, "Information Security Issues And Threats In Saudi Arabia: A Research Survey", International Journal Of Computer Science Issues, vol: 13, pp. 129-135, 2016.
DOI: 10.20943/01201606.129135
18. Hamed AL-Rubaiee, Renxi Qiu, Khalid Alomar, Dayou Li, "Sentiment Analysis Of Arabic Tweets In E-Learning", Journal Of Computer Science, vol: 12, pp. 553-563, 2016.
DOI: 10.3844/jcssp.2016.553.563
19. Khalid Al-Omar, "Credibility Evaluation Of Online Distance Education Websites", International Journal Of Advanced Computer Science And Applications, vol: 7, 2016.
DOI: 10.14569/IJACSA.2016.071246
20. Khalid Al-Omar, Dimitrios Rigas, "The Effect Of Size Of Personalised Menus On User Satisfaction", Vouliagmeni Beach, Athens, Greece, 2009.
21. Khalid Al-Omar, Dimitrios I. Rigas, "Does The Size Of Personalized Menus Affect User Performance?", Journal Of Computer Science, vol: 5, pp. 937-947, 2009.
DOI: 10.3844/jcssp.2009.937.947
22. Khalid Al-Omar, Dimitrios Rigas, "Comparison Of Adaptive, Adaptable And Mixed-Initiative Menus", 2009 International Conference On Cyberworlds, pp. 292-297, 2009.
DOI: 10.1109/CW.2009.29
23. Khalid Alomar, D. I. Rigas, "Investigating The Usability Of Using Static, Adaptable, Adaptive, And Mixed-Initiative Keyboards In E-Commerce", In Proceedings Of The Saudi International Innovation Conference, 2009.
24. Khalid Alomar, D. I. Rigas, "Static, Adaptive, Adaptable, And Mixed-Initiative Approaches In Ecommerce: Controllability And Customisation", Vouliagmeni Beach Conference, 2009.
25. Khalid Alomar, D. I. Rigas, "A User Performance Evaluation Of Personalised Menus", In Proceedings Of The Second International Conference On The Applications Of Digital Information And Web Technologies, pp. 104-109, 2009.
26. Al-Omar K. and Rigas D, "An Empirical Study To Investigate The Efficiency Of Static, Adaptable, Adaptive, And Mixed-Initiative Environments In E-Commerce", In Proceedings Of Iadis International Conference On Interfaces And Human-Computer Interaction, Pp. 239-243, 25-27 July 2008, Inderscience Publishers. Iadis, Amsterdam, Netherlands , Isbn: 978-972-8924-5., 2008.
27. Rigas D. and Al-Omar K, "A Platform For Investigating User Satisfaction For Static, Adaptable, Adaptive, And Mix-Initiative Environments In E-Commerce", In Proceedings Of The Saudi International Innovation Conference 2008, P.P. 63-67, Leeds, Uk, 978-0-9559241-2-5., 2008.
28. , "A Platform For Investigating Effectiveness For Static, Adaptable, Adaptive, And Mixed-Initiative Environments In E-Commerce", International Conference On E-Business, pp. 191-196, 2008.
DOI: 10.5220/0001911901910196