Academic Resume

Mohammed Altwijri

Lecturer, Computer Science Department

Mohammed started at KAU as a programmer in 2008. He completed a master's in computer science in 2015, titled "Data Mining Model for Facilitating the Process of Admission and Registration at Universities case study at KAU". He joined the University of Granada in 2019 to start Ph.D, titled "Modelling Course Difficulty Indexes to Enhance Students Performance and Course Study Plans", and he completed a PhD program in computer science in 2022.

Contact Information.

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Highest Degree.

2022, Ph.D, Computer Science, University of Granada, Spain.

Academic and Professional Experiences.

1. **2018 - 2018**
   Member of The world ranking unit, Jeddah, KAU.
2. **2017 - 2018**
   Member electronic committee of Deanship of Quality and Accreditation, Jeddah, KAU.
3. **2017 - 2018**
   Member of the third strategic plan, King Abdulaziz University &amp;ndash; Taziz3, Jeddah, KAU.
4. **2017 - 2018**
   Information Technology Consultant in Vice president for Development - top Management, King Abdulaziz University, Jeddah, KAU.
5. **2016 - Present**
   Lecturer in Faculty of Computing and Information Technology, King Abdulaziz University Jeddah; Saudi Arabia., Jeddah, KAU.
6. **2016 - 2018**
   Committee member E-Services in Information Technology Deanship, Jeddah University., Jeddah, KAU.
7. **2016 - 2017**
   Head of Technical team to implement the new financial systems 2001, KAU., Jeddah, KAU.
8. **2016 - 2017**
   Committee member E-Services in Information Technology Deanship, KAU, Jeddah, KAU.
9. **2016 - 2016**
   Vice Chair of the technical team to teaching reward system, KAU, Jeddah, KAU.
10. **2015 - 2016**
    Member of Technical team to implement the new financial systems 2001, KAU., Jeddah, KAU.

Academic and Professional Experiences.

11. **2015 - 2015**
Team member to divide the new requirements from sites to internal departments, KAU., Jeddah, KAU.
12. **2014 - 2016**
Manager of Administrative and Financial Applications Management, King Abdulaziz University., Jeddah, KAU.
13. **2014 - 2014**
Head of Support Team for ERP Systems (26), KAU., Jeddah, KAU.
14. **2013 - 2016**
Teaching Assistant in Faculty of Computing and Information Technology, King Abdulaziz University, Jeddah, KAU.
15. **2013 - 2013**
Team member to review KAU systems and Yesser, KAU., Jeddah, KAU.
16. **2013 - 2013**
Team member for integration between ERP and KAU Systems, KAU., Jeddah, KAU.
17. **2013 - 2013**
Team member for integration between Opentext and DMS as an archiving system, KAU., Jeddah, KAU.
18. **2012 - 2014**
Deputy Manager of Administrative and Financial Applications Management, King Abdulaziz University, Jeddah, KAU.
19. **2009 - 2013**
System Analyst in Deanship of Information Technology, King Abdulaziz University, Jeddah, KAU.
20. **2008 - 2009**
Programmer in Deanship of Information Technology, King Abdulaziz University, Jeddah, KAU.

Research Interests.

Data mining, Database, student performance.

Teaching Interests.

Data mining, Programming, Database.

Last Profile Update: October   27, 2022

Certifications and Trainings.

1. Machine Learning using the High-Performance Computing at King Abdulaziz University..
2. Social Media Data Analysis on Aziz Supercomputer..
3. Introduction to Python Programming on Aziz Supercomputer..
4. DIPLOMA: Network Security; Operating System Administration (oracle) from SBM &amp; IBM..
5. Project Management Fundamentals..
6. MS Project 2003 Level 1&amp;2..
7. Oracle AS 10g R3: JAVA Programming Ed2..
8. Oracle AS 10g R3: Build Portlets with JAVA..
9. ABAP Editor..
10. Blockchain Technology..
11. Explore levels of statistical analysis using SPSS..
12. • Computer vision and deep learning Using MATLAB..
13. ASP.NET 2005 for web programming..
14. Introduction in JAVA Programming Language..
15. Oracle AS 10g R3: Build J2EE Applications I..
16. Oracle AS 10g R3: Build J2EE Applications II..
17. Oracle AS 10g R3: Build Portlets with PL/SQL..
18. Solution Manager (SAP)..

Social, Scientific and Professional Affiliation.

1. 2019-Present, Researcher, Data Science and Computational Intelligance.

Publications.

1. Mohammed Ibrahim Al?Twijri1 · José María Luna2 · Francisco Herrera1 · Sebastián Ventura2, "Course Recommendation Based On Sequences: An Evolutionary Search Of Emerging Sequential Patterns", Cognitive Computation, 2022.
2. Mohammed I.Al-Twijri & Amin Y. Noaman, "A New Data Mining Model Adopted For Higher Institutions", International Conference On Communication, Management, And Information Technology, 2015.
3. Mohammed I.Al-Twijri Amin Y.Noamanb, "Towards Developing A Powerful Data Mining Admission Model For Heus: King Abdul Aziz University Case Study - Saudi Arabia", Magnt Research Report, 2014.