Academic Resume

Lamya Daghestani

Assistant Professor, Computer Science Department

Contact Information.

Building 61, Room 137, ldaghestani@kau.edu.sa.

Highest Degree.

2012, Ph.D. in Computer Science, Computer Graphics, University of Huddersfield, UK.

Academic and Professional Experiences.

1. **2012 - Present**
   Assistant professor, Computer Science Department, King Abdulaziz University.
2. **2007 - 2012**
   Lecturer, Computer Science Department, King Abdulaziz University.
3. **1989 - 2007**
   Teaching Assistant, Computer Science Department, King Abdulaziz University.

Research Interests.

E-learning Technologies, Digital Media, Virtual & Augmented Reality, Data Science.

Teaching Interests.

Programming Courses, Virtual Reality, Augmented Reality.

Certifications and Trainings.

1. Introduction to Researcher ID Thomson Reuters Training Scientific & Scholarly Research, http://thomsonreuters.com.
2. Researcher ID: Promote your publications and more Thomson Reuters Training Scientific & Scholarly Research, http://thomsonreuters.com.
3. SEO and Website Hosting: What You Should Know Search Marketing Now (SMN) webcast, http://searchmarketingnow.com.
4. Integrating Web Analytics Into The Organization: Getting from "What Happened?" to "Why?"Search Marketing Now (SMN) webcast, (http://searchmarketingnow.com/).
5. KAUST Saudi Leadership Program.

Social, Scientific and Professional Affiliation.

1. -, Member, Member of the American Board of Accelerated Learning for professional trainers and educators.
2. 2023-Present, No Code AI and Machine Learning: Building Data Science Solutions, MIT Professional

Education.

3. 2022-, Leading Digital Transformation, Prince Mohammed Bin Salman College (MBSC).

Publications.

1. Lamya F. Daghestani, Lamiaa F. Ibrahim, Reem S. Al?Towirgi, Hesham A. Salman, "Adapting Gamified Learning Systems Using Educational Data Mining Techniques", Computer Applications In Engineering Education, vol: 28, pp. 568-589, 2020.
   DOI: 10.1002/cae.22227
2. Reem S. Al-Towirgi Lamya F. Daghestani, Lamiaa F. Ibrahim, "Increasing Students Engagement In Data Structure Course Using Gamification", International Journal Of E-Education, E-Business, E-Management And E-Learning, vol: 8, pp. 193-211, 2018.
   DOI: 10.17706/ijeeee.2018.8.4.193-211
3. Reem S., Lamya F., Lamiaa F., "Data Mining And Gamification Techniques In Adaptive E-Learning: Promises And Challenges", International Journal Of Computer Applications, vol: 180, pp. 49-55, 2018.
   DOI: 10.5120/ijca2018916275
4. Asmaa Saeed, Lamya Foaud, Lamiaa Fattouh, "Environments And System Types Of Virtual Reality Technology In Stem: A Survey", International Journal Of Advanced Computer Science And Applications, vol: 8, 2017.
   DOI: 10.14569/IJACSA.2017.080610
5. Asmaa Saeed, Lamya Foaud, Lamiaa Fattouh, "Techniques Used To Improve Spatial Visualization Skills Of Students In Engineering Graphics Course: A Survey", International Journal Of Advanced Computer Science And Applications, vol: 8, 2017.
   DOI: 10.14569/IJACSA.2017.080315
6. Asmaa Saeed Alqahtani, Lamya Foaud Daghestani, Lamiaa Fattouh Ibrahim, "Semi-Immersive Virtual Reality For Improving The Mental Rotation Skill For Engineering Students: An Experimental Study", Computer Engineering & Information Technology, vol: 06, 2017.
   DOI: 10.4172/2324-9307.1000180
7. Abeer Alawad, Mohammed Aljoufie, Alok Tiwari, Lamya Daghestani, "Beyond Geographical And Cultural Barriers: The Concept Of A Virtual Gallery For Arts, Design &Amp; Architecture Schools In Saudi Arabia", Art And Design Review, vol: 03, pp. 87-93, 2015.
   DOI: 10.4236/adr.2015.34012
8. L. Daghestani, R.D. Ward, Z. Xu, H. Al-Nuaim, "Virtual Reality Potential Role In Numeracy Concepts Using Virtual Manipulatives", Advances In Computer Science And Engineering, 2010.
   DOI: 10.2316/P.2010.690-011
9. L. Daghestani, R. D. Ward, Z. Xu, H. Al-Nuaim, "The Design, Development And Evaluation Of Virtual Reality Learning Environment For Numeracy Concepts Using 3d Virtual Manipulatives", 2008 5th International Conference On Computer Graphics, Imaging And Visualisation (Cgiv), pp. 93-100, 2008.
   DOI: 10.1109/CGIV.2008.46