Academic Resume

Souad Baowidan

Assistant Professor, Information Technology Department

Contact Information.

Building 061, Room 152, sbaawidan@kau.edu.sa.

Highest Degree.

2019, , Graphics, Depaul University, USA.

Academic and Professional Experiences.

1. **2023 - 2023**
   Supervising the contestants at the Inter College Environmental Public Speaking Competition in UAE, Dubai, The Emirates Environmental Group (EEG).
2. **2022 - Present**
   Coordinator of Red Hat Linux collaborations, , .
3. **2021 - Present**
   Member of Talent and Creativity Committee, KAU, Deanship of Students and Affairs.
4. **2021 - Present**
   Supervise the Sport Activities committee at Computer Science and information Technology, -, KAU.
5. **2021 - 2022**
   Member Marketing Committee of Executive Master of Computer Science and information Technology, FCIT, King Abdul Azizi University.
6. **2020 - 2021**
   Member of Senior Project Committee, Jeddah, Faculty of Computing and IT.
7. **2019 - Present**
   Assistant Professor, Jeddah, King Abdulaziz University.
8. **2012 - 2019**
   Animator with ASL group (American Sign Language at Depaul University), Chicago, DePaul University.
9. **2012 - 2013**
   Teaching assistant, Chicago, DePaul University.
10. **2008 - 2019**
    Teaching assistant, Jeddah, king Abdulaziz University.
11. **2006 - 2007**
    Advisor in the Advising Office at Deanship of Admission and Registration, Jeddah, king Abdulaziz University.
12. **2006 - 2007**
    Technical support at Deanship of Admission and Registration, Jeddah, King Abdulaziz University.
13. **2004 - 2005**
    Software developer at Savola Company, , .

Last Profile Update: August   27, 2023

Research Interests.

IoT, Video Editing, Sound Effects, Blockchain, AI, Face recognition, Computer graphics, 3D Modeling and Visualisation, Human-computer interaction, Gamification, Deaf-hearing communication, Wireless network and Web security.

Teaching Interests.

Starting Business, Web Application Technologies, Marketing and Branding, Introduction to Computing, Graphics, Multimedia, Web Security, Technical Writing, Blockchain.

Certifications and Trainings.

1. Diploma in Graphics, Saudi Cultural Institute.
2. Certified Advisor of Strategic Planning.
3. Certified Blockchain and Healthcare Professional.
4. Certified Blockchain and Supply Chain Professional.
5. Certified Blockchain Expert.

Social, Scientific and Professional Affiliation.

Excellence Awards and Patents.

1. 2023, Interior, Certificate and shield most beneficial to them with her knowledge, King Abdul Azizi University.
2. 2022, Interior, Certificate and shield most beneficial to them with her knowledge, King Abdul Azizi University.

Publications.

1. Baowidan S., Guo, N., Johnson, S., Moncrief, R., & Berke, L., "A New N-Gram Analytics Tool In Elan And Its Application To Improve Automatic Fingerspelling Generation", Presented At The Depaul University School Of Computing Research Symposium (Socrs) Chicago, Il, 2017.
2. McDonald, J. C., Wolfe, R., Moncrief, R., & Baowidan, S., "Computational Model Of Role-Shift To Support The Synthesis Of Signed Language.", (Tislr12). Melbourne., 2016.
3. McDonald, J., Wolfe, R., Wilbur, R., Moncrief, R., Malaia, E., Fujimoto, S., Baowidan, S., and Stec, J., "A New Tool To Facilitate Prosodic Analysis Of Motion Capture Data And A Data-Driven Technique For The Improvement Of Avatar Motion. Proceedings Of The 7th Workshop On The Representation And Processing Of Sign Languages", Proceedings Of The 7th Workshop On The Representation And Processing Of Sign Languages: Corpus Mining Language Resources And Evaluation Conference (Lrec) Portoro??, Slovenia, 2016.
4. Wolfe, R., McDonald, J., Moncrief, R., Baowidan, S., Stumbo, M, "Inferring Biomechanical Kinematics From Linguistic Data: A Case Study For Role Shift Symposium On Sign Language Translation And Avatar Technology", Symposium On Sign Language Translation And Avatar Technology, 2015.
5. Ebling, S., Wolfe, R., Schnepp, J., Baowidan, S., McDonald, J., Moncrief, R., Sidler-Miserez, S., and Tissi, T, "Synthesizing The Finger Alphabet Of Swiss German Sign Language And Evaluating The Comprehensibility Of The Resulting Animations", 6th Workshop On Speech And Language Processing For Assistive Technologies (Slpat), 2015.