

Academic Resume



Thoria Alghamdi

Assistant Professor, Information Systems Department

Contact Information.

Building 61, taalghamdi@kau.edu.sa.

Highest Degree.

2023, PhD, Computer Science and Information Systems, University of Colorado Denver, USA.

Academic and Professional Experiences.

1. **2019 - 2023**
Teacher Assistant, Computer Science and Information Systems, University of Colorado Denver., , .
2. **2016 - Present**
Lecturer, Information Systems Department, King Abdulaziz University.
3. **2007 - 2016**
Teacher Assistant, Information Systems Department, King Abdulaziz University.

Research Interests.

Parallel and distributed systems, Machine learning, Deep learning, Computer architecture.

Teaching Interests.

parallel and distributed systems, Computer architecture, Project management.

Certifications and Trainings.

1. Centra.
2. Plan and Manage an Educational Workshop.
3. Total Quality Management ISO 9001:2000.
4. Effective communication skills.
5. SPSS Program.
6. Educational Technology Tools For Creating Online Lectures.
7. CRA-W Grad Cohort Workshop for Women 12-13 April, Chicago, IL.
8. INTEL HPC DEVELOPER CONFERENCE 2019, November 18th, 2019, Denver, CO..
9. Faculty Induction Forum.
10. Using ChatGPT Professional Excellence.
11. Strategies to Start Your Research in ISI Journals.
12. Preparing Electronic Lectures and Lessons for Educational Course.
13. How Do I Start my Entrepreneurial Project?.
14. Innovation in E-learning Design Your Own GPT.
15. PROFESSIONAL DEVELOPMENT PLAN FOR FACULTY MEMBERS.
16. LEARNING AND TEACHING STRATEGIES.
17. Strategic Preparation for the College.
18. The second Meeting for College Deans for Postgraduate Studies and Scientific Research.

Social, Scientific and Professional Affiliation.

1. -, Member, None.

Excellence Awards and Patents.

1. 2011, Interior, The second place in postgraduate research field in the Second Scientific forum, King Abdulaziz University.
2. 2012, Interior, Scientific publication award in graduate study field, King Abdulaziz University.
3. 2013, Interior, Scientific publication award in graduate study field, King Abdulaziz University.
4. 2020, International, The Best Paper Award, ICITA 2020 International Research Conference Information Technology and Applications, Jun 5-6, 2020.

Publications.

1. Thoria Alghamdi, Gita Alaghband, "Safepa: An Expandable Multi-Pose Facial Expressions Pain Assessment Method", *Applied Sciences*, vol: 13, pp. 7206, 2023.
DOI: [10.3390/app13127206](https://doi.org/10.3390/app13127206)
2. Thoria Alghamdi, Gita Alaghband, "Facial Expressions Based Automatic Pain Assessment System", *Applied Sciences*, vol: 12, pp. 6423, 2022.
DOI: [10.3390/app12136423](https://doi.org/10.3390/app12136423)
3. Thoria Alghamdi, Gita Alaghband, "Two Concurrent Convolution Neural Networks Tc*Cnn Model For Face Recognition Using Edge", *Icita 2020 International Research Conference Information Technology And Applications*, San Francisco., 2020.
4. Thoria Alghamdi, Gita Alaghband, "High Performance Parallel Sort For Shared And Distributed Memory Mimd", *International Conference On Applied Computing 2019*, pp. 113-122, 2019.
DOI: [10.33965/ac2019_201912L014](https://doi.org/10.33965/ac2019_201912L014)
5. Arwa Jamjoom, Manal Abdullah, Maysoon Abulkhair, Thoria Alghamdi, Aisha Mogbil, "Improving Outpatient Waiting Time Using Simulation Approach", *2014 European Modelling Symposium (Ems)*, pp. 117-125, 2014.
DOI: [10.1109/EMS.2014.85](https://doi.org/10.1109/EMS.2014.85)
6. Byoung K. Choi, Donghun Kang, Joohoe Kong, Hyeonsik Kim, Arwa A. Jamjoom, Aisha M. Mogbil, Thoria A. Alghamdi, "Simulation-Based Operation Management Of Outpatient Departments In University Hospitals", *2013 Winter Simulation Conference - (Wsc 2013)*, pp. 2287-2298, 2013.
DOI: [10.1109/WSC.2013.6721604](https://doi.org/10.1109/WSC.2013.6721604)
7. Thoria Alghamdi, Arwa Jamjoom, "Developing E-Business Strategies Curriculum Case Study In The Information Systems Department", *International Journal Of Modern Education And Computer Science*, vol: 4, pp. 1-7, 2012.
DOI: [10.5815/ijmecs.2012.02.01](https://doi.org/10.5815/ijmecs.2012.02.01)
8. K. Khoualdi, Thoria Alghamdi, "Developing Iso 9001:2000 System: Applied Study On The Faculty Of Computers And Information Technology", , vol: 1 No. 4, pp. 138-142, 2012.
9. Kamel Khoualdi, Thoria Alghamdi, "Developing Systems By Using Object Oriented Databasepractical Study On Iso 9001:2000 System", *Journal Of Software Engineering And Applications*, vol: 04, pp. 666-671, 2011.
DOI: [10.4236/jsea.2011.412078](https://doi.org/10.4236/jsea.2011.412078)
10. K. Khoualdi, Thoria Alghamdi, "Object Oriented Database Applying Study On Iso 9001:2000 System", *International Review In Computer And Software*, vol: Vol. 6 No. 6, pp. 1001-1005, 2011.