

## Academic Resume



### Rehab Ashari

#### Assistant Professor, Information Systems Department

Vice dean of admission and registration deanship Rabigh branch

#### Contact Information.

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#### Highest Degree.

2015, , AI , Colorado state university, USA.

#### Academic and Professional Experiences.

1. **2019 - Present**  
Memeber in the AI committee in the university, KAU, KAU.
2. **2016 - Present**  
Vice Dean of the Admission and Registration deanship rabigh branch, , .
3. **2016 - 2016**  
Supervisor of the Information systems Department in FCIT Rabigh branch, , .
4. **2016 - 2016**  
Member in the ABET accreditaion committee in the FCIT rabigh brach, , .
5. **2015 - 2016**  
Acadamic Guidance Supervisor in IS deptment in FCIT, , .
6. **2015 - 2016**  
Member in the quality committee in the Information systems in FCIT, , .
7. **2007 - 2009**  
IT Quality Designee and member in the radiology/ diagnostic imaging services team in KAUH, , .
8. **2006 - 2009**  
Picture arhiving and communication system (PACS) administrator, , .
9. **2005 - 2007**  
IT Consultant in United Doctors Hospital, Jeddah, UDH.
10. **2005 - 2006**  
Statistics and Information department Supervisor, King Abdulaziz University Hospital, , .

#### Research Interests.

Brain Computer Interface, Artificial Intelligence, Machine learning, Health Information Systems.

#### Teaching Interests.

Artificial intelligence, Machine learning, Health information systems.

## **Certifications and Trainings.**

1. Training Courses for PACS in SIEMENS, German.
2. Oracle Developer.
3. Workshop in leading change.
4. Course in analyzing big data in electronic tests.
5. Workshop in Realistic model for transferring patents from research to industry,.
6. Workshop in problems and challenges that hinder academic advising..
7. Course in Robot in Education.
8. Course in Applied Deep Learning & AI for Medical Data Analysis.
9. Huawei Artificial Intelligence Certificate.
10. Data science course, AI everything and GITEX Global.
11. Effective personnel productivity one of the Leadership Management International courses.

## **Social, Scientific and Professional Affiliation.**

1. -, Golden Key international honoree society, Colorado State University.
2. -, approval for having a fund to build BCI lab in KAUH (member in a team), King Abdulaziz City for science and technology, 2009.

## Publications.

1. Hasnain Rabbani, Muhammad Farrukh Shahid, Tariq Jamil Saifullah Khanzada, Shahbaz Siddiqui, Mona Mamdouh Jamjoom, Rehab Bahaaddin Ashari, Zahid Ullah, Muhammad Umair Mukati, Mustafa Nooruddin, "Enhancing Security In Financial Transactions: A Novel Blockchain-Based Federated Learning Framework For Detecting Counterfeit Data In Fintech&Rlm;", Peerj Computer Science, 2024.
2. Alkhamali Eman Abdulrahman, Allinjawi Arwa, Ashari Rehab Bahaaddin, "Combining Transformer, Convolutional Neural Network, And Long Short-Term Memory Architectures: A Novel Ensemble Learning Technique That Leverages Multi-Acoustic Features For Speech Emotion Recognition In Distance Education Classrooms", Applied Sciences, 2024.
3. Ashary Ehab Bahaudien, Maghrabi Louai A, Jambi Sahar, Ashari Rehab Bahaudien, Fayoumi Ayman G, Abdullah AL, Ragab Mahmoud, "Enhancing Resilience In Next-Generation Wireless Networks Through Deep Learning For Security Enhancement", Ieee Transactions On Consumer Electronics, 2024.
4. Saeedi Kawther, Abdullah Abdulaziz, Sonbul Marwa, Hatim Ahmad, Qadi Hassan, Zhao Liping, Moria Kawthar, Alshammari Sultanah M, Ashari Rehab, "Capacity Utilization Assessment Using Discrete-Event Simulation: Case Study Of A High-Density Crowd Visiting The Holy Rawda In The City Of Madinah", Journal Of Electrical Systems, 2024.
5. Shahid Muhammad Farrukh, Khanzada Tariq JS, Aslam Muhammad Ahtisham, Hussain Shehroz, Baowidan Souad Ahmad, Ashari Rehab Bahaaddin, "An Ensemble Deep Learning Models Approach Using Image Analysis For Cotton Crop Classification In Ai-Enabled Smart Agriculture", Plant Methods, 2024.
6. Alrehaili Nada Abdullah, Aslam Muhammad Ahtisham, Alharbi Amani Falah, Ashari Rehab Bahaaddin, "Find A Research Collaborator: An Ontology-Based Solution To Find The Right Resources For Research Collaboration", International Journal Of Advanced Computer Science And Applications, 2024.
7. Khanzada Tariq JS, Shahid Muhammad Farrukh, Mutahhar Ahmad, Aslam Muhammad Ahtisham, Ashari Rehab Bahaaddin, Jamal Sarmad, Nooruddin Mustafa, Siddiqui Shahbaz, "Authenticity, And Approval Framework For Bus Transportation Based On Blockchain 2.0 Technology", Applied Sciences, 2023.
8. Ehab Bahaudien Ashary, Sahar Jambi, Rehab B. Ashari and Mahmoud Ragab, "Oppositional Jellyfish Search Optimizer With Deep Transfer Learning Enabled Secure Content-Based Biomedical Image Retrieval", Ieee Access, 2023.
9. Ehab Bahaudien Ashary, Sahar Jambi, Rehab B. Ashari and Mahmoud Ragab, "Entropy Based Feature Fusion Using Deep Learning For Waste Object Detection And Classification Model", 47, 2023.
10. Sharaf Malebary, Shaista Rahman, Omar Barukab, Rehab Ashari, Sher Afzal Khan, "Identification Of Acetylation Protein By Using Statistical Moments And Random Forest", Membranes, 2022.
11. Enas Khairullah, Rehab Ashari, "User Preferences- Based Recommendation Algorithm Case Study: Hajj And Umrah Agencies", Scientific Forum For Hajj And Umrah Reserach, 2019.
12. Rehab Ashari, Charles Anderson, "Eeg Subspace Analysis And Classification Using Principal Angles For Brain Computer Interfaces", Ieee Symposium Series On Computational Intelligence, 2014.
13. Rehab Ashari, Mahmoud Kamel, Ibrahim Al-Bidewi, "Design And Simulation Of Virtual Telephone Keypad Control Based On Brain Computer Interface With Very High Transfer Rates", Alexandria Engineering Journal, 2011.