

Academic Resume

Rsha Mirza

Assistant Professor, Computer Science Department

Contact Information.

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Highest Degree.

2019, Ph.D Degree, Computer Science (CS) with a Concentration on Software Engineering (SE), University of Colorado Boulder, USA.

Academic and Professional Experiences.

1. **2020 - Present**
Assistant Professor, Faculty of Computing and Information Technology, King Abdul-Aziz University, Saudi Arabia.
2. **2018 - 2019**
Research Assistance, Software Engineering Lab, University of Colorado at Boulder, USA.
3. **2012 - 2020**
Teaching Assistant, Faculty of Computing and Information Technology, King Abdul-Aziz University, Saudi Arabia.
4. **2010 - 2012**
Programmer, Deanship of Information Technology, King Abdul-Aziza University, Saudi Arabia.
5. **2007 - 2010**
Programmer, IT Department, Zahid Tractors Co. Ltd., Saudi Arabia.

Research Interests.

Big Data, Social Media Analysis, Software Engineering, Groupware (Collaborative Systems) and CSCW, HCI, Data Science, Data Mining and Machine Learning, Artificial Intelligent.

Teaching Interests.

Software Engineering, Data Science, Human Computer Interaction, Artificial Intelligent, Machine Learning, Big Data, Programming, Database.

Certifications and Trainings.

1. Intensive English Program Certificate at USA.
2. Oracle JDeveloper at Oracle Company.
3. Graduate Preparation Program at King Abdulaziz University.
4. WebCenter Application at Oracle Company.
5. Oracle Database at King Abdulaziz University.
6. InfoPath at King Abdulaziz University.
7. Business Corresponding at Zahid Tractors Co. Ltd..
8. English Language level 4 at Berlitz Language Center.
9. WebSphere Portlet Factory at Zahid Tractors Co. Ltd..
10. Lotus Notes Application at Zahid Tractors Co. Ltd..
11. English Language level 2 at Berlitz Language Center.
12. Access at New Horizons Center.
13. FrontPage at New Horizons Center.
14. HTML and PHP at King Abdulaziz University.
15. Train of the Trainers (TOT) at King Abdulaziz University.
16. Artificial Intelligence Analyst at IBM Company.

Social, Scientific and Professional Affiliation.

1. 2022-Present, Member, National Center for Academic Accreditation and Evaluation (NCAAA) Committee in CS Department.
2. 2020-Present, Head of Committee, Summer Training Unit for Female in CS Department.
3. 2022-Present, Member, Students and Alumni Affairs Committee in CS Department.
4. 2020-2021, Member, Course Transfer Committee in CS Department.
5. 2023-Present, Reviewer, Journal of King Abdulaziz University.

Excellence Awards and Patents.

1. 2007, Interior, Graduated with an honor degree, King Abdulaziz University.
2. 2021, Interior, 1st Place in Hajjathon 2022 Tech Competition, The Custodian of the Two Holy Mosques Institute for Hajj and Umrah Research at Umm Al-Qura University.

Funded Projects.

1. 2018, Project EPIC (Empowering the Public with Information in Crisis), University of Colorado Boulder, USA, Research Assistance.

Publications.

1. Rsha Mirza, Miltiadis D. Lytras, Ohoud Alzamzami, Lama Al Khuzayem, Hajar Alharbi, Sultanah Alshammari, Alaa Bafail, Arwa Basbrain, Eaman Alharbi, Nada Bajnaid, Nadia Yusuf, Wadee AlHalabi, "Clustering Potential Metaverse Users With The Use Of A Value-Based Framework: Exploiting Perceptions And Attitudes On The Use And Adoption Of Metaverse For Bold Propositions", *Telematics And Informatics*, vol: 87, pp. 102074, 2024.
DOI: [10.1016/j.tele.2023.102074](https://doi.org/10.1016/j.tele.2023.102074)
2. Rsha Mirza, Kenneth M. Anderson, Stephen Volda, "Epic Collab: Supporting Asynchronous Collaboration In Big Data Analysis Systems", 2021 Ieee 6th International Conference On Cloud Computing And Big Data Analytics (Icccbda), pp. 17-26, 2021.
DOI: [10.1109/ICCCBDA51879.2021.9442495](https://doi.org/10.1109/ICCCBDA51879.2021.9442495)
3. Tahani Almanie, Rsha Mirza, Elizabeth Lor, "Crime Prediction Based On Crime Types And Using Spatial And Temporal Criminal Hotspots", *International Journal Of Data Mining & Knowledge Management Process*, vol: 5, pp. 01-19, 2015.
DOI: [10.5121/ijdkp.2015.5401](https://doi.org/10.5121/ijdkp.2015.5401)