Academic Resume
Ohoud Alzamzami

Assistant Professor, Computer Science Department

Inspiring young generations by fostering an interactive learning environment that appreciates knowledge, ignites creativity, and instills a life-long love for learning.

Contact Information.

Building 61, Room S-114, Ext. 63178, Add. Faculty of Computing and Information Technology, ualzamzami@kau.edu.sa.

Highest Degree.

2018, Ph.D. in Computer Science, Mobile Computing - Internet of Things, Florida Atlantic University, USA.

Academic and Professional Experiences.

1. **2023 - Present**
   Part-time Consultant for Process Automation, Scientific Council, King Abdulaziz University.
2. **2023 - Present**
   Member of the CS Bachelor Program Curriculum Committee, Faculty of Computing and Information Technology, King Abdulaziz University.
3. **2022 - Present**
   Member of the NCAAA Post Graduate Program Accreditation Committee, Faculty of Computing and Information Technology, King Abdulaziz University.
4. **2021 - Present**
   Reviewer for PLOS ONE, Open Science Journal, , .
5. **2021 - Present**
   Reviewer for Vehicular Communications, Science Direct, , .
6. **2021 - Present**
   Member of the Academic Affairs Committee at the Computer Science Department, , .
7. **2021 - Present**
   Reviewer for Computer Communication Journal, Science Direct, , .
8. **2020 - Present**
   Reviewer for International Conference on Communications, Computing, Cybersecurity, and Informatics, Sharjah, United Arab Emirates, , .
9. **2020 - Present**
   Member of KAU Committee for Preparing and Reviewing Computer Science Program Exit Exam, King Abdul-Aziz University, Jeddah, Saudi Arabia, , .
10. **2019 - Present**
    Member of Senior Projects Tracks and Quality Committee at Computer Science Department, King Abdulaziz University, Jeddah, Saudi Arabia, , .
11. **2019 - Present**
    Committee member in 1, 1th Scientific Forum at, King Abdulaziz University, Jeddah, Saudi Arabia, , .
12. **2018 - Present**
    Assistant Professor, Department of Computer Science, Faculty of Computing and Information Technology, King Abdulaziz University, Jeddah, Saudi Arabia.

Academic and Professional Experiences.

13. **2018 - Present**
Reviewer for IEEE Transactions on Vehicular Technology, , .
14. **2018 - Present**
Member of Academic Advising Committee at Computer Science Department, King Abdulaziz University, Jeddah, Saudi Arabia., , .
15. **2018 - Present**
Reviewer, Journal of Ambient Intelligence &amp; Humanized Computing (AIHC), Springer.
16. **2018 - Present**
2018-Present: Coordinator of Distance Learning Unit at Computer Science Department, King Abdulaziz University, Jeddah, Saudi Arabia., , .
17. **2017 - Present**
Reviewer, IEEE Transaction on Vehicular Technology (IEEE TVT), IEEE.
18. **2004 - 2018**
Demonstrator, Department of Computer Science, Faculty of Computing and Information Technology, King Abdulaziz University, Jeddah, Saudi Arabia.

Research Interests.

Internet of Things (IoT) and smart cities, Intelligent Transportation Systems, Routing Protocols, Data Science, Artificial Intelligence and Smart Cities, Internet of Vehicles.

Teaching Interests.

Programming, Database Systems, Computer Networks, Wireless and Mobile Networks, Human Computer Interaction, Advanced Operating Systems.

Certifications and Trainings.

1. Blackboard E-learning System Workshop, King Abdulaziz University, Jeddah, Saudi Arabia.
2. How to publish in High Impact ISI Journals, King Abdulaziz University, Jeddah, Saudi Arabia.
3. Communication and Interaction Tools for Managing Online Learning in Blackboard, Deanship of E-learning and Distance Education, King Abdulaziz University, Jeddah, Saudi Arabia.
4. Using Artificial Intelligence Techniques in Proctoring Electronic Test Remotely, Gulf Cooperation Council for Higher Education Universities and Institutions, Kuwait University, Kuwait.
5. Best Practices in Virtual Classrooms, Deanship of E-learning and Distance Education, King Abdulaziz University, Jeddah, Saudi Arabia.
6. Change Leadership, Education and Training Evaluation Commission, Saudi Arabia.
7. Student Interaction and Participation for Improving Learning Quality, Education and Training Evaluation Commission, Saudi Arabia.
8. Questionmark workshop, King Abdulaziz University, Jeddah, Saudi Arabia.
9. Data Science Program with R, Clevered, Jeddah, Saudi Arabia.
10. Translating and Publishing Books: Steps and Procedures, Center for Teaching and Learning Development, King Abdulaziz University, Jeddah, Saudi Arabia.
11. Diploma of Professional Development for University Education, Jeddah, Saudi Arabia.
12. Certified Publons Academy Peer Reviewer, Publons Web of Science Academy, Clarivate.
13. The Art of Grantsmanship, Deanship of Scientific Research, King Abdulaziz University, Jeddah, Saudi Arabia.
14. No Dull Moments in Class, Faculty of Computing and Information Technology with Center for Teaching and Learning Development, King Abdulaziz University, Jeddah, Saudi Arabia.

Social, Scientific and Professional Affiliation.

Last Profile Update: May   15, 2024

1. 2012-Present, Member, Golden Key International Honor Society.
2. 2012-Present, Member, IEEE Communications Society.

Excellence Awards and Patents.

1. 2016, International, Women in Engineering and Computer science Outstanding Award, Florida Atlantic University, Florida, United States.
2. 2017, International, Women in Engineering and Computer science Outstanding Award, Florida Atlantic University, Florida, United States..
3. 2021, Interior, KAU Knowledge Excellence Award for Scientific Publishing, King King Abdulaziz University, Jeddah, Saudi Arabia.

Funded Projects.

1. 2019, Researcher Program, Deanship of Research, King Abdulaziz University, Jeddah, Saudi Arabia

Last Profile Update: May   15, 2024

Publications.

1. Lama Al Khuzayem, Suha Shafi, Safia Aljahdali, Rawan Alkhamesie, Ohoud Alzamzami, "Efhamni: A Deep Learning-Based Saudi Sign Language Recognition Application", Sensors, vol: 24, pp. 3112, 2024.
   DOI: 10.3390/s24103112

2. Bosharah Makki Zakri, Ohoud Alzamzami, Amal Babour, "Automatic Dust Reduction System: An Iot Intervention For Air Quality", International Journal Of Advanced Computer Science And Applications, vol: 15, 2024.
   DOI: 10.14569/IJACSA.2024.0150219

3. Salwa Saad, Etimad Fadel, Ohoud Alzamzami, Fathy Eassa, Ahmed M. Alghamdi, "Temporal-Logic-Based Testing Tool Architecture For Dual-Programming Model Systems", Computers, vol: 13, pp. 86, 2024.
   DOI: 10.3390/computers13040086

4. 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

5. Naila Aslam, Ohoud Alzamzami, Kewen Xia, Saima Sadiq, Muhammad Umer, Carmen Bisogni, Imran Ashraf, "Improving The Review Classification Of Google Apps Using Combined Feature Embedding And Deep Convolutional Neural Network Model", Journal Of Ambient Intelligence And Humanized Computing, vol: 14, pp. 4257-4272, 2023.
   DOI: 10.1007/s12652-023-04529-5

6. Ohoud ALZAMZAMI, Sumaiya ALI, Widad ALKIBSI, Ghaidaa KHAN, Amal BABOUR, Hind BITAR, "Smart Fitting: An Augmented Reality Mobile Application For Virtual Try-On", Revista Român? De Informatic? ?I Automatic?, vol: 33, pp. 103-118, 2023.
   DOI: 10.33436/v33i2y202308

7. Amal Babour, Hind Bitar, Ohoud Alzamzami, Dimah Alahmadi, Amal Barsheed, Amal Alghamdi, Hanadi Almshjary, "Intelligent Gloves: An It Intervention For Deaf-Mute People", Journal Of Intelligent Systems, vol: 32, 2023.
   DOI: 10.1515/jisys-2022-0076

8. Mohammad Babar, Ahmad Din, Ohoud Alzamzami, Hanen Karamti, Ahmad Khan, Muhammad Nawaz, "A Bacterial Foraging Based Smart Offloading For Iot Sensors In Edge Computing", Computers And Electrical Engineering, vol: 102, pp. 108123, 2022.
   DOI: 10.1016/j.compeleceng.2022.108123

9. Hind Bitar, Amal Babour, Fatema Nafa, Ohoud Alzamzami, Sarah Alismail, "Increasing Women'S Knowledge About Hpv Using Bert Text Summarization: An Online Randomized Study", International Journal Of Environmental Research And Public Health, vol: 19, pp. 8100, 2022.
   DOI: 10.3390/ijerph19138100

10. Amal Babour, Ohoud Alzamzami, "International Publication Trends And Collaboration Impact On The Scientific Research Of Saudi Arabia", Journal Of Scientometric Research, vol: 10, pp. 328-336, 2022.
    DOI: 10.5530/jscires.10.3.49

11. Deema Alghamdi, Rahaf Al-Motery, Reem Almabadi, Ohoud Alzamzami, Amal Babour, "Automatic Detection Of Cyberbullying And Threatening In Saudi Tweets Using Machine Learning", International Journal Of Advanced And Applied Sciences, vol: 8, pp. 17-25, 2021.
    DOI: 10.21833/ijaas.2021.10.003

12. Ohoud Alzamzami, Imad Mahgoub, "Geographic Routing Enhancement For Urban Vanets Using Link Dynamic Behavior: A Cross Layer Approach", Vehicular Communications, vol: 31, pp. 100354, 2021.
    DOI: 10.1016/j.vehcom.2021.100354

Publications.

13. Ohoud Alzamzami, Imad Mahgoub, "Link Utility Aware Geographic Routing For Urban Vanets Using Two-Hop Neighbor Information", Ad Hoc Networks, vol: 106, pp. 102213, 2020.
    DOI: 10.1016/j.adhoc.2020.102213

14. Ohoud Alzamzami, Imad Mahgoub, "Fuzzy Logic-Based Geographic Routing For Urban Vehicular Networks Using Link Quality And Achievable Throughput Estimations", Ieee Transactions On Intelligent Transportation Systems, vol: 20, pp. 2289-2300, 2019.
    DOI: 10.1109/TITS.2018.2867177

15. Ohoud Alzamzami, Imad Mahgoub, "An Enhanced Directional Greedy Forwarding For Vanets Using Link Quality Estimation", 2016 Ieee Wireless Communications And Networking Conference (Wcnc), pp. 1-7, 2016.
    DOI: 10.1109/WCNC.2016.7564748