

Academic Resume



Samar Alkhuraiji

Associate Professor, Computer Science Department

Contact Information.

Building 61, Room 137, salkhuraiji@kau.edu.sa.

Highest Degree.

2016, , Dynamic Adaptive E-learning Mechanism Based on Learning Styles, University of Manchester, UK.

Academic and Professional Experiences.

1. **2018 - Present**
Committee of graduate studies at computer science Department, FCIT collage, , .
2. **2018 - 2022**
- Head of Computer Skill Unit, Preparing Year Building, King Abdulaziz University.
3. **2016 - 2021**
Assistant professor at, Computer Science Dept. Faculty of computing and information technology (FCIT),, King Abdulaziz University.
4. **2016 - 2018**
Head of Postgraduate Unit at FCIT college, , .
5. **2008 - 2016**
Lecturer, Computer Science Dept. Faculty of computing and information technology (FCIT),, King Abdulaziz University.
6. **1990 - 2008**
Teaching Assistant, Computer Science Dept., King Abdulaziz University.

Research Interests.

Adaptivity in e-learning system based on students behaviour, Applied intelligent learning systems, Smart Learning Environments, Web-based Education Assessments, Interactive Learning Environments, Internet of Things Education Applications.

Teaching Interests.

CPCS 403 Internet Application Programming design and implement a client-server website using JavaScript and PHP, CPCS 498 Senior Project 1, CPCS 499 Senior Project 2, - CPCS 204 Data Structures Advanced Programming using Java as object-oriented programming to manage large amounts of data efficiently using designed, efficient algorithms., CS 606 Internet Technology-Master level, EMCS 603 Leadership in cybersecurity-Excective Master, EMCS 608 Cybersecurity in Digital Media- Executive Master, EMCS 603 Effective leadership , Executive Master CPCS 403 Internet Application Programming design and implement a client-server website using JavaScript and PHP - CPCS 351 Software Engineering - CPCS 498 Senior Project 1 - CPCS 499 Senior Project 2 - CPCS 204 Data Structures Advanced Programming using Java as object-oriented programming to manage large amounts of data efficiently using designed, efficient algorithms., CPCS 351 Software Engineering.

Certifications and Trainings.

1. Effective Personal Productivity (Leadership Management International LMI, INC Waco, Texas) held on King Abdulaziz University..
2. Effective Personal Leadership (Leadership Management International LMI, INC Waco, Texas) held on King Abdulaziz University..
3. Designing Instructionally Sound Learning Object for e-learning workshop (University of Bahrain).
4. E-learning & Quality Education & Training: Output Quality Assurance workshop (University of Bahrain).
5. E-learning & Quality Education & Training: Output Quality Assurance workshop (University of Bahrain).
6. Training course- Applying machine learning with python, King Abdulaziz University, Jeddah..
7. Cypher secretly, Research and Development Center, Faculty of Economics and Management, King Abdulaziz University, Jeddah..
8. Training course Social Media Data Analysis on AZIZ Supercomputer, HPPC Center, King Abdulaziz University, Jeddah.
9. Effective Personal Leadership- Leadership Management International LMI, INC Waco, Texas, held on King Abdulaziz University..
10. Certificate of Total Leadership - Leadership Management International LMI, INC Waco, Texas, held on King Abdulaziz University...
11. Strategic Leadership- Leadership Management International LMI, INC Waco, Texas, held on King Abdulaziz University...
12. (ChatGPT+) and a New Vision for Higher Education in Digital Age.

Social, Scientific and Professional Affiliation.

1. 2023-2023, Providing training to students in the Mawhiba Academic Enrichment Program in the Cybersecurity Unit for 60 hours., King Abdulaziz and His Companions Foundation for Giftedness and Creativity.
2. 2024-2024, Hackathon Competition techmeetup, Google CDC - Saudi Arabia.

Publications.

1. Allinjawy Arwa, Altuwairqi Khawlah, Kammoun Jarraya Salma, Abuzinadah Nihal, Alkhuraiji Samar, "Cnn-Based Face Emotion Detection And Mouse Movement Analysis To Detect Student's Engagement Level", vol: 637, pp. 604-626, 2023.
DOI: [10.1007/978-3-031-26384-2_53](https://doi.org/10.1007/978-3-031-26384-2_53)
2. Shoroog Ghazee Khenkar, Salma Kammoun Jarraya, Arwa Allinjawy, Samar Alkhuraiji, Nihal Abuzinadah, Faris A. Kateb, "Deep Analysis Of Student Body Activities To Detect Engagement State In E-Learning Sessions", Applied Sciences, vol: 13, pp. 2591, 2023.
DOI: [10.3390/app13042591](https://doi.org/10.3390/app13042591)
3. Alsaggaf, Wafaa; Alkhuraiji, Samar; Baaqeel, Hanan; Brdesee, Hani, "The Inclusion Of Python As Introductory Computer Programming In The Preparatory Year Of Higher Education: Modeling For Students' Perceptions", International Journal Of Computer Science And Network Security, 2022.
4. Ghadah Aldabbagh, Nikos Dimitriou, Samar Alkhuraiji, Omaimah Bamasak, Samar Babrouk, "Internet Of Mobile Things: Reliability And Security Issues And Solutions", 22, 2022.
5. Seham S. Bakhder, Ghadah Aldabbagh, Nikos Dimitriou, Samar Alkhuraiji, Mai Fadel, Helen Bakhsh, "Iot Networks For Monitoring And Detection Of Leakage In Pipelines", International Journal Of Sensor Networks, vol: 38, pp. 241, 2022.
DOI: [10.1504/IJSNET.2022.122559](https://doi.org/10.1504/IJSNET.2022.122559)
6. Maha Farouk S. Sabir, Irfan Mehmood, Wafaa Adnan Alsaggaf, Enas Fawai Khairullah, Samar Alkhuraiji, Ahmed S. Alghamdi, Ahmed A. Abd El-Latif, "An Automated Real-Time Face Mask Detection System Using Transfer Learning With Faster-Rcnn In The Era Of The Covid-19 Pandemic", Computers, Materials & Continua, vol: 71, pp. 4151-4166, 2022.
DOI: [10.32604/cmc.2022.017865](https://doi.org/10.32604/cmc.2022.017865)
7. Wafaa Alsaggaf, Irfan Mehmood, Enas Fawai Khairullah, Samar Alkhuraiji, Maha Farouk S. Sabir, Ahmed S. Alghamdi, Ahmed A. Abd El-Latif, Francisco Gomez-Donoso, "A Smart Surveillance System For Uncooperative Gait Recognition Using Cycle Consistent Generative Adversarial Networks (Ccgans)", Computational Intelligence And Neuroscience, vol: 2021, pp. 1-12, 2021.
DOI: [10.1155/2021/3110416](https://doi.org/10.1155/2021/3110416)
8. Ghadah Aldabbagh, Nikos Dimitriou, Samar Alkhuraiji, Omaimah Bamasag, "Radio Coverage And Device Capacity Dimensioning Methodologies For Iot Lorawan And Nb-Iot Deployments In Urban Environments", Future Internet, vol: 13, pp. 144, 2021.
DOI: [10.3390/fi13060144](https://doi.org/10.3390/fi13060144)
9. Samar Alkhuraiji, "Design And Development Of A Keto Diet Android Application, 63(1), Pp.1535-1545", Solid State Technology, 2020.
10. Samar Alkhuraiji, "Design And Implementation Of An Android Smart Parking Mobile Application", Tem Journal, pp. 1357-1363, 2020.
DOI: [10.18421/TEM94-06](https://doi.org/10.18421/TEM94-06)
11. Samar M. Alkhuraiji, "Cinema Station Application (Csa): An Augmented Reality Application For Accessing Film Information And Online Cinema Booking", 2020 8th International Symposium On Digital Forensics And Security (Isdfs), pp. 1-6, 2020.
DOI: [10.1109/ISDFS49300.2020.9116419](https://doi.org/10.1109/ISDFS49300.2020.9116419)
12. Samar Alkhuraiji, "Design And Development Of An Advanced Ict Training Management System For Universities", International Journal Of Advanced Science And Technology, 2019.

Publications.

13. ALKHURAIJI, S., CHEETHAM, B., RAZEK, M. A. & BAMASAK, O., "Alkhuraiji, S., Cheetham, B., Razeq, M. A. & Bamasak, O. Emerging Web 2.0 For Adaptive Learning Management System Based On Student???S Learning Styles. Web 2.0 Tools, Methodology And Services For Enhancing Intelligent Tutoring Systems", Supplementary Proceedings Of The Eleventh International Conference On Intelligent Tutoring Systems, Chania, Greece., 15-31., 2012.
14. ALKHURAIJI, S., CHEETHAM, B., RAZEK, M. A. & BAMASAK, O. A, "Flexible Approach For Providing Adaptivity In Learning Management System Based On Learning Styles", 12th International Conference On Intelligent Systems Design And Applications (Isda), 718-722., 2012.
15. ALKHURAIJI, S., CHEETHAM, B. & BAMASAK, O., "Dynamic Adaptive Mechanism In Learning Management System Based On Learning Styles", 11th Ieee International Conference On Advanced Learning Technologies 2011 Athens, Georgia, Usa., 2011.
16. ALKHURAIJI, S., CHEETHAM, B. & BAMASAK, O., "Toward Adaptive E- Learning Based On Proven Educational Theories.", The Eighth Iasted.International Conference, Web-Based Education, 2010 Sharm El Sheik, Egypt. Acta Press, 210-218., 2010.