Academic Resume

Fahad Alqurashi

Associate Professor, Computer Science Department

In 2008, Fahad joined Florida Tech as a graduate student, and he earned his master degree in Computer Science. Two years later, Fahad has started his research as a Ph.D. candidate and his research topic was "Subjective Video Streaming Quality Evaluation in Cellular Networks", and he has defended his dissertation after invented a novel method called MVQP (Mobile Video Quality Prediction).

Now, Dr. Fahad is working as an Associate professor at the FCIT.

Contact Information.

Building FCIT, Add. King Abdulaziz University, fahad@kau.edu.sa.

Highest Degree.

2015, Doctor of Philosophy, Networks and Communications, Florida Institute Of Technology, USA.

Academic and Professional Experiences.

1. **2022 - Present**
   Chairman of Computer Science Department, FCIT, King Abdulaziz University.
2. **2020 - Present**
   Associate Professor - Computer Science, College of Computing and Information Technology., FCIT, King Abdulaziz University.
3. **2016 - 2020**
   Assistant Professor, Computer Science, College of Computing and Information Technology, King Abdulaziz University.
4. **2016 - 2018**
   Vice-Dean of Information Technology for Infrastructure, Deanship of IT, KAU.
5. **2016 - 2016**
   IT Network Director, Deanship of IT, KAU.
6. **2015 - 2016**
   Director of Project Management Office (PMO), Deanship of IT, KAU.
7. **2007 - 2008**
   Oracle Academy Coordinator, Deanship of IT, KAU.
8. **2002 - 2007**
   Head of Oracle Database Department, Deanship of IT, KAU.
9. **1999 - 2001**
   Training Director, Administrative Development Management, KAU.
10. **1994 - 1999**
    Database Administrator, Deanship of IT, KAU.

Last Profile Update: May   01, 2024

Academic and Professional Experiences.

11. **1993 - 1994**
    System Analyst and Design, Deanship of IT, KAU.

Research Interests.

Virtual reality (VR), Mobile networks and Radio frequency, Database systems, Artificial intelligence (AI), Machine learning (ML), and Deep learning (DL).

Teaching Interests.

Database systems, IoT, Radio frequency (RF), Networks.

Certifications and Trainings.

1. C/S Concept & Implementations.
2. DB2 Administration.
3. DB2 App. Prog. & Design.
4. DB2 Application Design.
5. DB2 Table Design.
6. Database Administration & Design.
7. EMC Storage Management.
8. Into. To Unix System.
9. Intro. To Oracle Developer 2000 and Tools Concept.
10. Intro. to Oracle Database & Server Concept.
11. MS Project 2003 Level 1 & 2.
12. MVS Operation SAP.
13. Oracle DBA.
14. Oracle Database Backup & recovery.
15. Oracle Database Fine Tuning.
16. Oracle PL/SQL.
17. Oracle Reports.
18. Oracle SQL plus.
19. Oracle SQL/Forms.
20. Project Management Fundamentals.
21. QMF Workshop.
22. SQL Application Programming.
23. SQL Workshop.

Social, Scientific and Professional Affiliation.

1. -, Member, IEEE.

Last Profile Update: May   01, 2024

Publications.

1. Mobbed Alhalabi, Fahad Alqurashi, "Saudi Stock Market Prediction Using Majority Voting", 0, 2024.

2. Fahad Alqurashi, Istiak Ahmad, "Knowledge Discovery Of The Internet Of Things (Iot) Using Large Language Model", 0, 2024.

3. Fahad Alqurashi, Istiak Ahmad, "Scientometric Analysis And Knowledge Mapping Of Cybersecurity", International Journal Of Advanced Computer Science And Applications, vol: 15, 2024.
   DOI: 10.14569/IJACSA.2024.01503117

4. Fahad Alqurashi, Shabbir Hassan, "Artificial Intelligence Neural Network Modeling Of Radiative Nanofluid Flow Via A Vertical Cone In Porous Substance With Activation Energy Effect", Ain Shams Engineering Journal, pp. 102718, 2024.
   DOI: 10.1016/j.asej.2024.102718

5. Muhammad Shahzad, Muhammad Rafi, Wadee Alhalabi, Naz Minaz Ali, Muhammad Shahid Anwar, Sara Jamal, Muskan Barket Ali, Fahad Abdullah Alqurashi, "Classification Of Clinically Actionable Genetic Mutations In Cancer Patients", Frontiers In Molecular Biosciences, vol: 10, 2024.
   DOI: 10.3389/fmolb.2023.1277862

6. Abeer Abdullah Alaql, Fahad AlQurashi, Rashid Mehmood, "Data-Driven Deep Journalism To Discover Age Dynamics In Multi-Generational Labour Markets From Linkedin Media", Journalism And Media, vol: 4, pp. 120-145, 2023.
   DOI: 10.3390/journalmedia4010010

7. Fahad Alqurashi, "A Hybrid Federated Learning Framework And Multi-Party Communication For Cyber-Security Analysis", International Journal Of Advanced Computer Science And Applications, vol: 14, 2023.
   DOI: 10.14569/IJACSA.2023.0140716

8. Abeer Abdullah Alaql, Fahad Alqurashi, Rashid Mehmood, "Multi-Generational Labour Markets: Data-Driven Discovery Of Multi-Perspective System Parameters Using Machine Learning", Science Progress, vol: 106, 2023.
   DOI: 10.1177/00368504231213788

9. Abdullah Marish Ali, Fahad Alqurashi, Fawaz Jaber Alsolami, Sana Qaiyum, "A Double-Layer Indemnity Enhancement Using Lstm And Hash Function Technique For Intrusion Detection System", Mathematics, vol: 11, pp. 3894, 2023.
   DOI: 10.3390/math11183894

10. Fahad Alqurashi, Aasim Zafar, Asif Irshad Khan, Abdulmohsen Almalawi, Md Mottahir Alam, Rezaul Azim, "Deep Neural Network And Predator Crow Optimization-Based Intelligent Healthcare System For Predicting Cardiac Diseases", Mathematics, vol: 11, pp. 4621, 2023.
    DOI: 10.3390/math11224621

11. Majed Altoub, Fahad AlQurashi, Tan Yigitcanlar, Juan M. Corchado, Rashid Mehmood, "An Ontological Knowledge Base Of Poisoning Attacks On Deep Neural Networks", Applied Sciences, vol: 12, pp. 11053, 2022.
    DOI: 10.3390/app122111053

12. Istiak Ahmad, Fahad Alqurashi, Ehab Abozinadah, Rashid Mehmood, "Deep Journalism And Deepjournal V1.0: A Data-Driven Deep Learning Approach To Discover Parameters For Transportation", Sustainability, vol: 14, pp. 5711, 2022.
    DOI: 10.3390/su14095711

13. LISHUANG WAN, FAHAD ABDULLAH ALQURASHI, WOO-JIN JUNG, "Practice And Development Of Sports Somatic Science In Social Physical Education Teaching Using Fractal Theory", Fractals, vol: 30, 2022.
    DOI: 10.1142/S0218348X22400886

Publications.

14. Fahad A. Alqurashi, F. Alsolami, S. Abdel-Khalek, Elmustafa Sayed Ali, Rashid A. Saeed, "Machine Learning Techniques In Internet Of Uavs For Smart Cities Applications", Journal Of Intelligent &Amp; Fuzzy Systems, vol: 42, pp. 3203-3226, 2022.

    DOI: 10.3233/JIFS-211009

15. Abdulmohsen Almalawi, Asif Irshad Khan, Fahad Alqurashi, Yoosef B. Abushark, Md Mottahir Alam, Sana Qaiyum, "Modeling Of Remora Optimization With Deep Learning Enabled Heavy Metal Sorption Efficiency Prediction Onto Biochar", Chemosphere, vol: 303, pp. 135065, 2022.

    DOI: 10.1016/j.chemosphere.2022.135065

16. Asif Irshad Khan, Fawaz Alsolami, Fahad Alqurashi, Yoosef B. Abushark, Iqbal H. Sarker, "Novel Energy Management Scheme In Iot Enabled Smart Irrigation System Using Optimized Intelligence Methods", Engineering Applications Of Artificial Intelligence, vol: 114, pp. 104996, 2022.

    DOI: 10.1016/j.engappai.2022.104996

17. Istiak Ahmad, Fahad AlQurashi, Ehab Abozinadah, Rashid Mehmood, "A Novel Deep Learning-Based Online Proctoring System Using Face Recognition, Eye Blinking, And Object Detection Techniques", International Journal Of Advanced Computer Science And Applications, vol: 12, 2021.

    DOI: 10.14569/IJACSA.2021.0121094

18. Bo Xu, Ran Wang, Baoying Peng, Fahad Abdullah Alqurashi, Mohamad Salama, "Automatic Parameter Selection Zvd Shaping Algorithm For Crane Vibration Suppression Based On Particle Swarm Optimisation", Applied Mathematics And Nonlinear Sciences, vol: 7, pp. 73-82, 2021.

    DOI: 10.2478/amns.2021.1.00075

19. Li Ma, Fahad Abdullah Alqurashi, Mohammed Helmi Qeshta, "Risk Contagion In Financial Markets Based On Copula Model", Applied Mathematics And Nonlinear Sciences, vol: 7, pp. 565-572, 2021.

    DOI: 10.2478/amns.2021.1.00076

20. Yan Yan, Bin Zeng, Fahad Abdullah Alqurashi, Samer M. Shorman, "Research On Visual Optimization Design Of Machine&Ndash;Machine Interface For Mechanical Industrial Equipment Based On Nonlinear Partial Equations", Applied Mathematics And Nonlinear Sciences, vol: 0, 2021.

    DOI: 10.2478/amns.2021.2.00075

21. Fawaz Alsolami, Fahad A. Alqurashi, Mohammad Kamrul Hasan, Rashid A. Saeed, S. Abdel-Khalek, Anis Ben Ishak, "Development Of Self-Synchronized Drones&Amp;Rsquo; Network Using Cluster-Based Swarm Intelligence Approach", Ieee Access, vol: 9, pp. 48010-48022, 2021.

    DOI: 10.1109/ACCESS.2021.3064905

22. Sugimiyanto Suma, Fahad Alqurashi, "A Comparison Study Of Nosql Document-Oriented Database System", International Journal Of Applied Mathematical Research, vol: 8, pp. 27-31, 2019.

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23. Mariam Alharthi, Fahad Alqurashi, "Comparison Of Query Optimization Techniques In Content Based Image Retrieval (Cbir)", Copyright &Copy;Mariamalharthi, Fahad Alqurashi. This Isan Open Access Article Distributed Under The Creative Commons Attribution License, Which Permits Unrestricted Use, Distribution, And Reproduction In Any Medium, Provided The Original Work Is Properly Cited.International Journal Of Applied Mathematical Research, 8 (1) (2019) 20-26, 2019.

24. Safaa Alraddadi, Fahad Alqurashi, Georgios Tsaramirsis, Amany Al Luhaybi, Seyed M. Buhari, "Aroma Release Of Olfactory Displays Based On Audio-Visual Content", Applied Sciences, vol: 9, pp. 4866, 2019.

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25. Al Luhaybi, Alqurashi, Tsaramirsis, Buhari, "Automatic Association Of Scents Based On Visual Content", Applied Sciences, vol: 9, pp. 1697, 2019.

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Publications.

26. , "An Adaptive Model For Knowledge Mining In Databases "Emo_Mine" For Tweets Emotions Classification", International Journal Of Advanced Trends In Computer Science And Engineering, vol: 7, pp. 52-60, 2018.
    DOI: 10.30534/ijatcse/2018/04732018

27. Ibrahim Rai, Fahad Alqurashi, "Performance Analysis Of Big Data Tools", Publication Descriptioninternational Journal Of Advances In Computer Science And Technology, Volume 7 No.6, 2018.

28. Dr. Hamad Almohamedh, Dr. Fahad Al Qurashi, Dr. Ivica Kostanic, "Mobile Video Quality Prediction (Mvqp) For Long Term Evolution (Lte)", Iaeng International Journal Of Computer Science, 2015.

29. Dr. Ivica Kostanic, Dr. Hamad Almohamedh, Dr. Fahad Al Qurashi, "Non-Referenced Objective Streaming Video Quality Evaluation In Cellular Networks Of 3rd And 4th Generation", 2nd International Conference On Electrical, Electronic And Computing Engineering, 2015.

30. Dr. Hamad Almohamedh, Dr. Fahad Al Qurashi, Dr. Ivica Kostanic, "Subjective Assessment Of Mobile Videos Quality For Long Term Evolution (Lte) Cellular Networks", Int'L Conf. Ip, Comp. Vision, And Pattern Recognition | Ipcv'14 |, 2014.

31. Dr. Fahad Al Qurashi, Dr. Hamad Almohamedh, Dr. Ivica Kostanic, "Subjective Video Streaming Quality Evaluation In 3g Cellular Networks", Int'L Conf. Ip, Comp. Vision, And Pattern Recognition | Ipcv'14 |, 2014.

32. Dr. Fahad Al Qurashi, Dr. Hamad Almohamedh, Dr. Ivica Kostanic, "Raw Video Database Of Mobile Video Quality Prediction (Mvqp)", Int'L Conf. Ip, Comp. Vision, And Pattern Recognition, 2014.

33. Dr. Hamad Almohamedh, Dr. Fahad Al Qurashi, Dr. Ivica Kostanic, "Mobile Videos Quality Measurements For Long Term Evolution (Lte) Network", Int'L Conf. Ip, Comp. Vision, And Pattern Recognition, 2014.