Academic Resume

Husam Lahza

Assistant Professor, Information Technology Department

Contact Information.

Building FCIT, Room 204, Add. King Abdulaziz University - Jeddah, hlahza@kau.edu.sa.

Highest Degree.

2020, Information Systems and Technologies, Cybersecurity, Claremont Graduate University, USA.

Academic and Professional Experiences.

1. **2021 - Present**
   Head of Graduate Studies Unit, , .
2. **2020 - Present**
   Assistant Professor, Jeddah, King Abdulaziz University.
3. **2020 - Present**
   Head of Graduate Academic Affair Unit, Jeddah, King Abdulaziz University.
4. **2020 - 2021**
   Consultant at FCIT Vice Dean of Graduate Studies and Research, Jeddah, King Abdulaziz University.
5. **2009 - 2020**
   Academic Demonstrator, Jeddah, King Abdulaziz University.
6. **2009 - 2011**
   Consultant at the Deanship of Information technology Security Unit, Jeddah, KAU.
7. **2006 - 2009**
   Electronic Banking Developer, Jeddah, Aljazira Bank.
8. **2005 - 2006**
   Database Developer, Makkah, Umm Al-Qura University.

Research Interests.

Web Security, GIS, Cybersecurity, Information Security, Machine Learning, IoT, Security Threats Detection, Deep Learning, Data Science, Security Threats Preventions.

Teaching Interests.

Databases, Networking, GIS, Project Management, Web Security, Information Security.

Certifications and Trainings.

1. Networking.
2. Business Intelligence.
3. Linux OS.
4. EMV Transaction Management.
5. EMV Parameter Risk Management.
6. EMV Key Security.
7. EMV Testing.
8. Oracle DB Developer.

Social, Scientific and Professional Affiliation.

1. 2012-Present, Golden Key Honor Society, Golden Key Honor Society.

Publications.

1. Xiang Li, Long Lan, Husam Lahza, Shaowu Yang, Shuihua Wang, Wenjing Yang, Hengzhu Liu, Yudong Zhang, "Eafp-Med: An Efficient Adaptive Feature Processing Module Based On Prompts For Medical Image Detection", Expert Systems With Applications, vol: 247, pp. 123334, 2024.
   DOI: 10.1016/j.eswa.2024.123334
2. Yahia Said, Ahmed A. Alsheikhy, Husam Lahza, Tawfeeq Shawly, "Detecting Phishing Websites Through Improving Convolutional Neural Networks With Self-Attention Mechanism", Ain Shams Engineering Journal, pp. 102643, 2024.
   DOI: 10.1016/j.asej.2024.102643
3. Sreenivasa B R, Husam Lahza, Nandini G, Tawfeeq Shawly, Ahmed A. Alsheikhy, Naveen Kumar K R, Hassan Fareed Lahza M, "Social Context?Aware Macroscopic Routing Scheme For Opportunistic Network", Transactions On Emerging Telecommunications Technologies, 2023.
   DOI: 10.1002/ett.4844
4. Husam Lahza, K. R. Naveen Kumar, B. R. Sreenivasa, Tawfeeq Shawly, Ahmed A. Alsheikhy, Arun Kumar Hiremath, Hassan Fareed M. Lahza, "Optimization Of Crop Recommendations Using Novel Machine Learning Techniques", Sustainability, vol: 15, pp. 8836, 2023.
   DOI: 10.3390/su15118836
5. Abdul Razak M. S., Nirmala C. R., Sreenivasa B. R., Husam Lahza, Hassan Fareed M. Lahza, "A Survey On Detecting Healthcare Concept Drift In Ai/Ml Models From A Finance Perspective", Frontiers In Artificial Intelligence, vol: 5, 2023.
   DOI: 10.3389/frai.2022.955314
6. K. R. Naveen Kumar, Husam Lahza, B. R. Sreenivasa, Tawfeeq Shawly, Ahmed A. Alsheikhy, H. Arunkumar, C. R. Nirmala, "A Novel Cluster Analysis-Based Crop Dataset Recommendation Method In Precision Farming", Computer Systems Science And Engineering, vol: 46, pp. 3239-3260, 2023.
   DOI: 10.32604/csse.2023.036629
7. Ahmed A. Alsheikhy, Yahia Said, Tawfeeq Shawly, A. Khuzaim Alzahrani, Husam Lahza, "A Cad System For Lung Cancer Detection Using Hybrid Deep Learning Techniques", Diagnostics, vol: 13, pp. 1174, 2023.
   DOI: 10.3390/diagnostics13061174
8. Husam Lahza, Ahmed A. Alsheikhy, Yahia Said, Tawfeeq Shawly, "A Deep Learning Approach To Predict Chronological Age", Healthcare, vol: 11, pp. 448, 2023.
   DOI: 10.3390/healthcare11030448
9. Yahia Said, Ahmed A. Alsheikhy, Tawfeeq Shawly, Husam Lahza, "Medical Images Segmentation For Lung Cancer Diagnosis Based On Deep Learning Architectures", Diagnostics, vol: 13, pp. 546, 2023.
   DOI: 10.3390/diagnostics13030546
10. Ahmed Alsheikhy, Yahia F. Said, Tawfeeq Shawly, Husam Lahza, "A Model To Predict Heartbeat Rate Using Deep Learning Algorithms", Healthcare, vol: 11, pp. 330, 2023.
    DOI: 10.3390/healthcare11030330
11. Tawfeeq Shawly, Ahmed A. Alsheikhy, Yahia F. Said, Husam Lahza, "An Effective Approach For Smart Parking Management", Ingénierie Des Systèmes D Information, vol: 27, pp. 783-789, 2022.
    DOI: 10.18280/isi.270511
12. Ahmed A. Alsheikhy, Yahia Said, Tawfeeq Shawly, A. Khuzaim Alzahrani, Husam Lahza, "Biomedical Diagnosis Of Breast Cancer Using Deep Learning And Multiple Classifiers", Diagnostics, vol: 12, pp. 2863, 2022.
    DOI: 10.3390/diagnostics12112863
13. Ahmed A. Alsheikhy, Tawfeeq Shawly, Yahia F. Said, Husam Lahza, Niravkumar Joshi, "An Intelligent Smart Parking System Using Convolutional Neural Network", Journal Of Sensors, vol: 2022, pp. 1-11, 2022.
    DOI: 10.1155/2022/7571716

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Publications.

14. Abdulmohsen Alharbi, Md. Abdul Hamid, Husam Lahza, "Predicting Malicious Software In Iot Environment Based On Machine Learning And Data Mining Techniques", International Journal Of Advanced Computer Science And Applications, 2022.
15. Badr Alsamani, Husam Lahza, "A Taxonomy Of Iot: Security And Privacy Threats", 2018 International Conference On Information And Computer Technologies (Icict), pp. 72-77, 2018.
DOI: 10.1109/INFOCT.2018.8356843
16. Husam Lahza, Yaser Alhasawi, Andrew Marx, "The Power Of Social Media In Supporting Warehouse Location Decisions For Online Retailers Using Gis", The 22nd Americas Conference On Information Systems At: San Diego, Ca, 2016.