

Academic Resume



Enas Khairullah

Associate Professor, Information Technology Department

Contact Information.

Room 143, Ext. 27832, ekhairallah@kau.edu.sa.

Highest Degree.

2017, , Networks, University of Central Florida, USA.

Academic and Professional Experiences.

1. **2018 - Present**
Assistant Professor, , .
2. **2007 - 2018**
Teacher Assistant, , .

Research Interests.

Mobile Computing, Network, Dynamic Spectrum Access DSA Networks, Algorithms, Auction Theory, Scheduling, Resources Allocation, Cyber Security, Machine Learning.

Teaching Interests.

Networking, Computer Fundamental, Digital Forensics.

Certifications and Trainings.

1. General English Adults at the British Council..
2. Yellow belt six sigma certification, The Global Voice of Quality (ASQ), UCF.
3. Graduate Preparation Program, given by Center for Teaching and Learning Development in KAU..
4. How to Prepare, Write, Publish, A Scientific Paper, given by KAU..
5. End Note Program..
6. Querying Microsoft SQL with Transact SQL 2000, given by KAU..
7. How to Write and Publish a Scientific Paper, given by Dr.Haythm Ahmed Zakai , in KAU..
8. Scholarship Preparation, given by Center for Teaching and Learning Development in KAU..
9. Developing Mobile Applications Using the Microsoft .NET Compact Framework by ACP Learning Center..
10. Developing XML Web Services Using Microsoft ASP.NET by ACP Learning Center..
11. Building COM+ Applications Using Microsoft .NET by ACP by Learning Center..
12. Developing ASP.NET Web Application Using VS.NET giving by ACP Learning Center..
13. Introduction to XML and the Microsoft .NET Platform giving by ACP Learning Center..
14. Programming with Microsoft ADO. NET giving by ACP by Learning Center..
15. Developing .NET Application for Windows (VB.NET) giving by ACP Learning Center..
16. Introduction to Visual Basic.NET Programming giving by ACP Learning Center..
17. Computer Maintenance Course..
18. Macromedia Flash MX Course..
19. HCIA-Storage Huawei certified, Jeddah.
20. HCIA-Routing & Switching _V2.5 Huawei, Jeddah.
21. HCIA- Artificial Intelligence Huawei, Jeddah.
22. IBM Artificial Intelligence Analyst, Jeddah.

Social, Scientific and Professional Affiliation.

1. -, Engineering College, Women in Electrical Engineering and Computer Science (WEECS).
2. -, Honor Society, Golden Key International Honor Society.

Excellence Awards and Patents.

1. 2006, Interior, Best Presentation Winner in Software Design
2. 2007, Interior, Second place of Most Creative Programmer in Mobile & PDAs Categories
3. 2007, Interior, Best Dot Net Club in Saudi Arabia Design to President :TA Enas Khairallah
4. 2010, Interior, Being among the top 20 best Ideas out of 600 ideas
5. 2010, Interior, Being among the top 3 best Ideas out of 600 ideas
6. 2011, Interior, Distinction in publication research from graduated study
7. 2013, International, SGA travel grant, UCF
8. 2014, International, SGA travel grant, UCF
9. 2014, International, Graduate Research Fellowship, UCF
10. 2016, International, Graduate Research Fellowship, UCF
11. 2016, International, Student Travel Grant, IEEE EUCNC
12. 2017, International, Graduate Research Fellowship, UCF

Funded Projects.

1. 2022, LoRaWAN Performance Analysis for a Water Monitoring and Leakage Detection System in a Housing Complex, KAU

2. 2018, An Auction-Based Resource Allocation Scheme in Hierarchical Ad Hoc Networks, KAU20
3. 2019, BCI speller system design from EEG signals with channel selection algorithms, KAU
4. 2020, LORAWAN based Mesh Network for Outdoor Localization, KAU

Publications.

1. Halah Alqurashi, Fatma Bouabdallah, Enas Khairullah, "Scap Sigfox: A Scalable Communication Protocol For Low-Power Wide-Area Iot Networks", *Sensors*, vol: 23, pp. 3732, 2023.
DOI: [10.3390/s23073732](https://doi.org/10.3390/s23073732)
2. Enas F.Khairullah, "Entertainment Authority Mobile Application Saudi Arabia: Smart Station", *Journal Of King Abdulaziz University Computing And Information Technology Sciences*, 2023.
3. Fazal Qudus Khan, Ibrar Ahmad, Enas Fawzi Khairullah, Osama Bajaber, Anayat Ullah, Sadeeq Jan, "Real-Time Consumer Aware And Alert System Based On Smart Water Tank", *Materials Today: Proceedings*, vol: 63, pp. 790-797, 2022.
DOI: [10.1016/j.matpr.2022.05.506](https://doi.org/10.1016/j.matpr.2022.05.506)
4. Atheer M. Alghamdi, Enas F. Khairullah, Mohammad M. Al mojamed, "Lorawan Performance Analysis For A Water Monitoring And Leakage Detection System In A Housing Complex", *Sensors*, vol: 22, pp. 7188, 2022.
DOI: [10.3390/s22197188](https://doi.org/10.3390/s22197188)
5. Maha Farouk S. Sabir, Irfan Mehmood, Wafaa Adnan Alsaggaf, Enas Fawai Khairullah, Samar Alhuraiji, 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)
6. Afraa Z. Attiah, Enas F. Khairullah, "Eye-Blink Detection System For Virtual Keyboard", 2021 National Computing Colleges Conference (Nccc), pp. 1-6, 2021.
DOI: [10.1109/NCCC49330.2021.9428797](https://doi.org/10.1109/NCCC49330.2021.9428797)
7. Amjad Alharbi, Nahla Aljojo, Azida Zainol, Areej Alshutayri, Basma Alharbi, Eman Aldhahri, Enas Fawzi Khairullah, Seita Almandeel, "Identification Of Critical Factors Affecting The Students' Acceptance Of Learning Management System (Lms) In Saudi Arabia", *International Journal Of Innovation*, vol: 9, pp. 353-388, 2021.
DOI: [10.5585/iji.v9i2.19652](https://doi.org/10.5585/iji.v9i2.19652)
8. Samaher AL KHUZAIM, Enas F. KHAIRULLAH, Seyed M. BUHARI, "An Auction-Based Resource Allocation In Cloud Radio Access Network (C-Ran)", *Romanian Journal Of Information Technology And Automatic Control (Rjitac)*, vol: 31, pp. 67-82, 2021.
DOI: [10.33436/v31i4y202106](https://doi.org/10.33436/v31i4y202106)
9. Wafaa Alsaggaf, Irfan Mehmood, Enas Fawai Khairullah, Samar Alhuraiji, 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)
10. Enas Khairullah, Murat Arican, Kemal Polat, "Brain-Computer Interface Speller System Design From Electroencephalogram Signals With Channel Selection Algorithms", *Medical Hypotheses*, vol: 141, pp. 109690, 2020.
DOI: [10.1016/j.mehy.2020.109690](https://doi.org/10.1016/j.mehy.2020.109690)
11. Enas F. Khairullah, Mainak Chatterjee, "Preda: Preference-Based Double Auction For Spectrum Allocation In Heterogeneous Dsa Networks", *Computer Communications*, vol: 133, pp. 41-50, 2019.
DOI: [10.1016/j.comcom.2018.09.011](https://doi.org/10.1016/j.comcom.2018.09.011)
12. Enas F. Khairullah, Rehab B. Ashari, "User Preferences- Based Recommendation Algorithm Case Study: Hajj And Umrah Agencies", 19th Scientific Forum For The Research Of Hajj, Umrah And Madinah Visit - Scientific Bulletin For 1440ah-2019, 2019.

Publications.

13. Enas F. Khairullah, Mainak Chatterjee, "Queue Based Scheduling In Single And Multi Channel Dynamic Spectrum Access Networks", *Pervasive And Mobile Computing*, vol: 46, pp. 73-95, 2018.
DOI: [10.1016/j.pmcj.2018.03.003](https://doi.org/10.1016/j.pmcj.2018.03.003)
14. Enas F. Khairullah, Mainak Chatterjee, Swades De, "Queue-Aware Opportunistic Scheduling In Multi-Channel Dynamic Spectrum Access Networks", *2017 Ieee 18th International Symposium On "World Of Wireless, Mobile And Multimedia Networks (Wowmom)*, 2017.
15. Enas F. Khairullah, Mainak Chatterjee, "Multi-Bid Auctions For Channel Allocation In Multi-Channel Dynamic Spectrum Access Networks", *2016 European Conference On Networks And Communications (Euenc)*, pp. 282-287, 2016.
DOI: [10.1109/EuCNC.2016.7561048](https://doi.org/10.1109/EuCNC.2016.7561048)
16. Enas F. Khairullah, Mainak Chatterjee, "Scheduling In Dynamic Spectrum Access Networks: Throughput And Fairness Tradeoffs", *2016 Ieee 84th Vehicular Technology Conference (Vtc-Fall)*, pp. 1-6, 2016.
DOI: [10.1109/VTCFall.2016.7881212](https://doi.org/10.1109/VTCFall.2016.7881212)
17. Enas F. Khairullah, Mainak Chatterjee, "Combinatorial Auction Based Routing In Multi-Channel Cognitive Radio Networks", *2014 Ieee 25th Annual International Symposium On Personal, Indoor, And Mobile Radio Communications (Pimrc)*, pp. 1217-1222, 2014.
DOI: [10.1109/PIMRC.2014.7136353](https://doi.org/10.1109/PIMRC.2014.7136353)
18. Enas F. Khairullah, Mainak Chatterjee, Kevin Kwiat, "Pricing-Based Routing In Cognitive Radio Networks", *2013 Ieee Global Communications Conference (Globecom 2013)*, pp. 908-912, 2013.
DOI: [10.1109/GLOCOM.2013.6831189](https://doi.org/10.1109/GLOCOM.2013.6831189)
19. Enas F. Khairullah, Arwa Y. Al-Aama, "Improving Accuracy Of Context Aware Data Replication In Mobile Computing Application", *The 7th International Conference*, pp. 498, 2009.
DOI: [10.1145/1821748.1821844](https://doi.org/10.1145/1821748.1821844)