

## Academic Resume



### Etimad Fadel

#### Associate Professor, Computer Science Department

I'm an Associate Professor in Computer Science and specialize in networking and distributed systems. I cherish my job and take it seriously. I respect my colleagues and enjoy working with them. I strive to fulfill my organizations mission. Finally, I aim to support my students to be successful.

#### Contact Information.

Building #61, Room S-182, Ext. 26408, Add. FCIT building, eafadel@kau.edu.sa.

#### Highest Degree.

2006, Ph.D. in Computer Science, Distributed Systems, De Montfort University, UK.

#### Academic and Professional Experiences.

1. **2017 - Present**  
Associate Professor, , .
2. **2011 - 2012**  
Assigned the responsibilities of Head, FCIT, K.A.U..
3. **2008 - 2010**  
vice dean of girls section, FCIT, K.A.U..
4. **2007 - 2017**  
Assistant Professor, FCIT, K.A.U..

#### Research Interests.

Distributed Systems, Wireless Sensor Networks, Wireless Nano Sensor Networks, Software Defined Networks, Cellular Networks (5G), Internet Of Things.

#### Teaching Interests.

Applied Math for Computing (I) (CPCS-212), Computer Networks1 (CS416, CPCS371), Computer Networks 2 (CPCS 372), TCP/IP & The Web (CPCS 474), Wireless Communication (CPCS494), Wireless Communication (CPIT475), Computer Networks (CPIT 370), Supervising Senior Projects (CS491, CPCS498, CPCS499), Internet Technologies (CS665), Advanced Networks (CS642), Advanced Networks Topics (CS701), Programming 2 (OOP) (CPCS203), Data Structure1 (CPCS204), Advanced Analysis of Algorithms (CS 611).

#### Certifications and Trainings.

1. Effective Leadership Development By LMI.

#### Social, Scientific and Professional Affiliation.

1. -, Member, IEEE Computer Society.

Last Profile Update: December 18, 2023

## Funded Projects.

1. 2014, "RELIABLE WIRELESS SENSOR NETWORKS FOR SAUDI ARABIA'S FUTURE", KACST

## Publications.

1. Rasha Almarshdi, Laila Nassef, Etimad Fadel, Nahed Alowidi, "Hybrid Deep Learning Based Attack Detection For Imbalanced Data Classification", Intelligent Automation & Soft Computing, vol: 35, pp. 297-320, 2023.  
DOI: [10.32604/iasc.2023.026799](https://doi.org/10.32604/iasc.2023.026799)
2. Najla Bagais, Etimad Fadel, Amal Al-Mansour, "An Efficient Path Planning Strategy In Mobile Sink Wireless Sensor Networks", Computers, Materials & Continua, vol: 73, pp. 1237-1267, 2022.  
DOI: [10.32604/cmc.2022.026070](https://doi.org/10.32604/cmc.2022.026070)
3. Suhare Solaiman, Laila Nassef, Etimad Fadel, "User Clustering And Optimized Power Allocation For D2d Communications At Mmwave Underlaying Mimo-Noma Cellular Networks", Ieee Access, pp. 1-1, 2021.  
DOI: [10.1109/ACCESS.2021.3071992](https://doi.org/10.1109/ACCESS.2021.3071992)
4. Ruqiah Fallatah, Etimad Fadel, "Adaptive-Multi Parameter Mac Protocol For Reliable Communication In The Smart Grid Environment", International Journal Of Advanced Research In Computer And Communication Engineering, vol: 10, pp. 8-19, 2021.  
DOI: [10.17148/IJARCCE.2021.10202](https://doi.org/10.17148/IJARCCE.2021.10202)
5. Hagar Mahmoud, Etimad Fadel, Nadine Akkari, "Routing Protocols In Wban: A Performance Evaluation For Healthcare Applications", International Journal Of Advanced Research (Ijar), vol: 8, pp. 334-341, 2020.  
DOI: [10.21474/IJAR01/10299](https://doi.org/10.21474/IJAR01/10299)
6. Ayat Yehia Hassan, Etimad Fadel, Nadine Akkari, "Time-Aware Recommender System For E-Commerce Applications", International Journal Of Advanced Research, vol: 8, pp. 534-542, 2020.  
DOI: [10.21474/IJAR01/10661](https://doi.org/10.21474/IJAR01/10661)
7. Sumaya Alghamdi, Etimad Fadel, Nahid Alowidi, "Recognizing Activities Of Daily Living In Ambient Intelligence Environments Using 1d Convolutional Neural Networks", Ijarccce, vol: 9, pp. 1-8, 2020.  
DOI: [10.17148/IJARCCE.2020.9301](https://doi.org/10.17148/IJARCCE.2020.9301)
8. Etimad Fadel, "A Cross-Layer Communication Module For The Internet Of Things", , 2012.