Academic Resume

Yousef Alsanani

Assistant Professor, Information Systems Department

Contact Information.

Room 103, Ext. 67438, Add. FCIT KAU JED, yalsenani@kau.edu.sa.

Highest Degree.

2021, , Computer Science, southern Illinois university Carbondale, USA.

Academic and Professional Experiences.

1. **2022 - Present**
   CEO, KSA, EleeN.
2. **2021 - Present**
   R and D Director | AI and Privacy Head, KSA, Lun Startup Studio.
3. **2019 - Present**
   Reviewer in number of top computer science journals., , ieee transactions.
4. **2015 - 2015**
   Judge: Illinois Junior Academy of Sciences, Region 8 competition., , .
5. **2015 - 2015**
   Judge: Illinois Junior Academy of Sciences, state competition, , .

Research Interests.

Trust, Machine Learning, Fault tolerance, Privacy.

Teaching Interests.

Security, Distributed system, Data Mining.

Certifications and Trainings.

1. TCP/IP, UCLA.
2. Microsoft SQL server reporting services, UCLA.

Social, Scientific and Professional Affiliation.

Excellence Awards and Patents.

1. 2023, Interior, EleeN Heart: A Privacy-Preserving AI-Powered Diagnostic Solution for Diverse Data Types in Heart Disease Diagnosisis under, MoH-Seha Virtual Hospital.
2. 2023, Interior, New Privacy Enhancement technology is under, SDAIA Test.

Last Profile Update: November 28, 2023

Funded Projects.

1. 2021, Trust-Aware Scheduling Framework for Volunteer Edge Computing&rdquo;, PI, RS 21,000, 2021-2022., Funded by King Abdul-Aziz University
2. 2021, Resource Management for Graphics Processing Units in Cloud Computing” Co-PI, RS 19,800, 2021-2022., Funded by King Abdul-Aziz University

Publications.

1. Yousef Alsenani. Alireza Souri, Monire Norouzi, "A New Cloud-Based Cyber-Attack Detection Architecture For Hyper-Automation Process In Industrial Internet Of Things", Cluster Computing, 2023.
2. Alsenani, Yousef and Alnori, Abdulaziz, "Trust-Aware Scheduling For Edge Computing With Task Dependencies And Unreliable Servers", Ieee Access, 2023.
3. Yousef Alsenani, Abdulaziz S. Alnori, "Trust-Aware Scheduling For Edge Computing With Task Dependencies And Unreliable Servers", Ieee Access, vol: 11, pp. 113514-113525, 2023.
   DOI: 10.1109/ACCESS.2023.3324178
4. Yousef Alsanani, "Trust-Aware Scheduling Framework For Edge Volunteer Computing", Submitted, 2022.

5. Yousef Alsenani, Garth V. Crosby, Khaled R. Ahmed, Tomas Velasco, "Towards Multi-Criteria Volunteer Cloud Service Selection", vol: 12403, pp. 278-286, 2020.
   DOI: 10.1007/978-3-030-59635-4_21
6. Yousef S. Alsenani, Garth V. Crosby, Khaled R. Ahmed, Tomas Velasco, "Protrust: A Probabilistic Trust Framework For Volunteer Cloud Computing", Ieee Access, vol: 8, pp. 135059-135074, 2020.
   DOI: 10.1109/ACCESS.2020.3009051
7. Yousef Alsenani, Garth Crosby, Tomas Velasco, "Sara: A Stochastic Model To Estimate Reliability Of Edge Resources In Volunteer Cloud", 2018 Ieee International Conference On Edge Computing (Edge), pp. 121-124, 2018.
   DOI: 10.1109/EDGE.2018.00024
8. Yousef Alsenani, Garth V Crosby, Tomas Velasco, Abdulrahman Alahmadi, "Remot Reputation And Resource-Based Model To Estimate The Reliability Of The Host Machines In Volunteer Cloud Environment", 2018 Ieee 6th International Conference On Future Internet Of Things And Cloud (Ficloud), pp. 63-70, 2018.
   DOI: 10.1109/FiCloud.2018.00017
9. Tessema M. Mengistu, Abdulrahman M. Alahmadi, Yousef Alsenani, Abdullah Albuali, Dunren Che, "Cucloud: Volunteer Computing As A Service (Vcaas) System", vol: 10967, pp. 251-264, 2018.
   DOI: 10.1007/978-3-319-94295-7_17
10. Tessema Mengistu, Abdulrahman Alahmadi, Abdullah Albuali, Yousef Alsenani, Dunren Che, "A No Data Center, Solution To Cloud Computing", 2017 Ieee 10th International Conference On Cloud Computing (Cloud), 2017.