Academic Resume
Sultan Algarni

Assistant Professor, Information Systems Department

Contact Information.

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Highest Degree.

2022, PhD in Computer Science, Information Security, KAU, Saudi Arabia.

Academic and Professional Experiences.

Research Interests.

Information Security, Cybersecurity, Networking, Software Defined Network, IoT system, Blockchain Technology, Artificial Intelligence.

Teaching Interests.

Cybersecurity, Networking, Python, Software Engineering, Project Management.

Certifications and Trainings.

1. Cisco Certified Network Associate (CCNA).
2. Life Management.
3. Strategic plan for life.
4. CCNA Cybersecurity Operations, Cisco (Trainee).
5. Certified Ethical Hacker, EC-Council (Trainee).
6. Blockchain Technology, Modern Technology Expert House, KAU.
7. Cyber Security Specialist, KAU Almobdioon Center& InfoSec4TC.

Social, Scientific and Professional Affiliation.

Last Profile Update: January   10, 2024

Publications.

1. Syed Sajid Ullah, Aizaz Khan, Saddam Hussain, Majed Alsafyani, Roobaea Alroobaea, Sultan Algarni, "Sensitivity Of Atom Based On Slow Light Propagation And Rotary Photon Drag: An Efficient And Secure Model For Quantum-Based Sensors In Internet Of Things", Optical And Quantum Electronics 55 (14), 1268, 2023.

2. Fadhil Mukhlif, Norafida Ithnin, Roobaea Alroobaea, Sultan Algarni, Wael Y Alghamdi, Ibrahim Hashem, "Intelligence Covid-19 Monitoring Framework Based On Deep Learning And Smart Wearable Iot Sensorsintelligence Covid-19 Monitoring Framework Based On Deep Learning And Smart Wearable Iot Sensors", Computers, Materials &Amp; Continua 77 (1), 2023.

3. Fazal Karim, Muhammad Haneef, Syed Sajid Ullah, Majed Alsafyani, Roobaea Alroobaea, Sultan Algarni, Saddam Hussain, "Manipulation Speed Of Light And Giant Phase Shifting: A New Quantum-Based Model For Improving Efficiency And Security Of Internet Of Things", Optical And Quantum Electronics 55 (9), 796, 2023.

4. Malvinder Singh Bali, Roobaea Alroobaea, Sultan Algarni, Majed Alsafyani, Khalid Mohiuddin, Kamali Gupta, Deepali Gupta, "An Efficient Task Allocation Framework For Scheduled Data In Edge Based Internet Of Things Using Hybrid Optimization Algorithm Approach", Physical Communication 58, 102047, 2023.

5. RA Alsemmeari, MY Dahab, AA Alsulami, B Alturki, S Algarni, "Resilient Security Framework Using Tnn And Blockchain For Iomt", Electronics 12 (10), 2252, 2023.

6. Algarni, S., Eassa, F., Almarhabi, K., Algarni, A., Albeshri, A, "Bcnbi: A Blockchain-Based Security Framework For Northbound Interface In Software-Defined Networking", 11(7), 996, 2022.

7. Algarni, S., Eassa, F., Almarhabi, K., Almalaise, A., Albassam, E., Alsubhi, K., Yamin, M, "Blockchain-Based Secured Access Control In An Iot System", 11(4), 1772, 2021.

8. Algarni, S. A., Ikbal, M. R., Alroobaea, R., Ghiduk, A. S., Nadeem, F, "Performance Evaluation Of Xen, Kvm, And Proxmox Hypervisors", 9(2), 39-54, 2018.

9. Alroobaea, R., Alsufyani, A., Ansari, M. A., Rubaiee, S., Algarni, S, "Supervised Machine Learning Of Kfcg Algorithm And Mbtc Features For Efficient Classification Of Image Database And Cbir Systems", 13(9), 6795-6804., 2018.