

Dr. Mana Saleh Al Reshan

Address: College of Computer Science
and Information Systems,
Najran University, Najran,
Saudi Arabia, Postcode: 1988
Email: msalreshan@nu.edu.sa
Telephone: +966-542-8888 ext. 8995

RESEARCH INTERESTS:

I am interested in the following research areas: Body Area Networks, Information Security, Cloud Computing Security, Network Security, Cybersecurity, and IoT Security, machine learning, Artificial intelligence, and data mining

EDUCATION AND QUALIFICATION :

Doctor of Philosophy in Computer Science, The Catholic University of America, Washington, DC
2013- 2019

Master of Science in Computer, Information and Network security, DePaul University, Chicago, IL
2010 – 2011

Bachelor of Information Systems, King Khalid University, Abha, KSA 2002 – 2007

WORK EXPERIENCES :

April.2021 - Present

Head of Information Systems Department, College of Computer Science and Information systems, Najran University

Feb.2021 - Present

Head of Networks & Communication Engineering Department, College of Computer Science and Information systems, Najran University

Jun.2021 - Present

Coordinator of Cybersecurity Master Program, College of Computer Science and Information systems, Najran University

Sept.2021 - Present

Member of Community Partnership Unit, College of Computer Science and Information systems, Najran University

Sept.2021 - Present

Member of Curriculum & Plans Unit, College of Computer Science and Information systems, Najran University

Jan.2020 - Present

Member of Research Unit, College of Computer Science and Information systems, Najran University

Nov.2019 – Nov.2020

Coordinator of Schedules and exams unit, Department of Information systems, College of Computer Science and Information systems, Najran University

Nov.2019 – Sept.2021

Coordinator of Media and Public relation unit, Department of Information systems, College of Computer Science and Information systems, Najran University

Sept.2019 – Sept.2021

Head of E-Learning Unit, College of Computer Science and Information systems, Najran University

2019 - Present

Assistant Professor, College of Computer Science and Information systems, Najran University

2012 - 2018

Lecturer, College of Computer Science and Information systems, Najran University

2007 - 2012

Teaching assistant, College of Computer Science and Information systems, Najran University

TAUGHT COURSES:

- Information System Security Administration
- Computer Security
- Management Information Systems
- Internet Applications Development
- Decision Support Systems
- Advanced Databases
- Introduction of Information Systems
- Introduction to Computers
- Fundamentals of cybersecurity
- Management of Information Security
- Information Systems Security

PUBLICATIONS:

- [1] Rajab, Khairan, Mohammed Hamdi, **Mana Saleh Al Reshan**, Yousef Asiri, Asadullah Shaikh, and Adel Rajab. "Implementation of Virtual Training: The Example of a Faculty of Computer Science during COVID-19 for Sustainable Development in Engineering Education." *Electronics* 11, no. 5 (2022): 694.
- [2] Shaikh, Asadullah, **Mana Saleh Al Reshan**, Adel Sulaiman, Hani Alshahrani, and Yousef Asiri. "Secure Telemedicine System Design for COVID-19 Patients Treatment Using Service Oriented Architecture." *Sensors* 22, no. 3 (2022): 952.
- [3] Saleem, Hajira, Faisal Riaz, Asadullah Shaikh, Khairan Rajab, Adel Rajab, Muhammad Akram, **Al Reshan**, and **Mana Saleh**. "Optimizing Steering Angle Predictive Convolutional Neural Network for Autonomous Car." *CMC-COMPUTERS MATERIALS & CONTINUA* 71, no. 2 (2022): 2285-2302.
- [4] Rajab, Adel, Abdul Hafeez, Asadullah Shaikh, Abdullah Alghamdi, **Mana Saleh Al Reshan**, Mohammed Hamdi, and Khairan Rajab. "UCLAONT: Ontology-Based UML Class Models Verification Tool." *Applied Sciences* 12, no. 3 (2022): 1397.
- [5] Javeed, Farooq, Basit Shahzad, Asadullah Shaikh, **Al Reshan**, **Mana Saleh**, Saba Ahmad, Hani Alshahrani, and Khairan Rajab. "Strengthening Software Make vs. Buy Decision: A Mixed-Method Approach." *INTELLIGENT AUTOMATION AND SOFT COMPUTING* 32, no. 1 (2022): 193-205.

- [6] Adel Rajab, Sehrish Aqeel, **Mana Saleh Al Reshan**, Awais Ashraf, Sultan Almakdi, Khairan Rajab "Cryptography based Techniques of Encryption for Security of Data in Cloud Computing Paradigm" *International Journal of Engineering Trends and Technology* 69.10(2021):1-6.
- [7] **Reshan, Al, and Mana Saleh**. "IoT-based Application of Information Security Triad." *International Journal of Interactive Mobile Technologies* 15, no. 24 (2021).
- [8] Mahoto, Naeem Ahmed, Asadullah Shaikh, **Al Reshan, Mana Saleh**, Muhammad Ali Memon, and Adel Sulaiman. "Knowledge Discovery from Healthcare Electronic Records for Sustainable Environment." *Sustainability* 13, no. 16 (2021): 8900.
- [9] Shaikh, Asadullah, Abdul Hafeez, Asif Ali Wagan, Mesfer Alrizq, Abdullah Alghamdi, and **Mana Saleh Al Reshan**. "More Than Two Decades of Research on Verification of UML Class Models: A Systematic Literature Review." *IEEE Access* (2021).
- [10] Junaid, Muhammad, Asadullah Shaikh, Mahmood Ul Hassan, Abdullah Alghamdi, Khairan Rajab, **Al Reshan, Mana Saleh**, and Monagi Alkinani. "Smart Agriculture Cloud Using AI Based Techniques." *Energies* 14, no. 16 (2021): 5129.
- [11] Mahoto, Naeem Ahmed, Asadullah Shaikh, **Al Reshan, Mana Saleh**, Muhammad Ali Memon, and Adel Sulaiman. "Knowledge Discovery from Healthcare Electronic Records for Sustainable Environment." *Sustainability* 13, no. 16 (2021): 8900.
- [12] Sara Mehmood, Naeem Ahmed Mahoto, Asadullah Shaikh, Hani Alshahrani, and **Mana Saleh Al Reshan**. Impact of Skim Reading Based on Different Screen Sizes. *Intelligent Automation & Soft Computing*, vol. 29, no.2, pp. 587–604, 2021. ISI Thomson Reuters, Impact Factor, 1.276, 2021.
- [13] Asadullah Shaikh, **Mana Saleh AlReshan**, Yousef Asiri, Adel Sulaiman, and Hani Alshahrani. Tele-COVID: A Telemedicine SOA-based Architectural Design for COVID-19 Patients. *Computers, Materials & Continua*, vol. 67, no.1, pp. 549–576. Impact Factor, 4.89, 2021.
- [14] **Al Reshan, Mana**, Hang Liu, Chunqiang Hu, and Jiguo Yu. "MBPSKA: Multi-Biometric and Physiological Signal-Based Key Agreement for Body Area Networks." *IEEE Access* 7 (2019): 78484-78502.
- [15] Verma, Sumit, M. Saqib Akhoon, Sajad A. Loan, and **Mana Al Reshan**. "A normally OFF GaN CAVET and its thermal and trap analysis." *Journal of Computational Electronics* (2019): 1-10

CERTIFICATES & TRAINING COURSES:

- Chicago Tech-Security Conference, January 2011
- Wireless LAN Security Program Certificate, issued March 2011
- Member of National Center for Assessment in Higher Education 2007-2008
- Team Building Workshop (Chicago, USA)
- Stress Management Workshop (Chicago, USA)
- Time Management Workshop (Chicago, USA)
- Leadership Workshop (Chicago, USA)

- ABET Accreditation Workshop (Najran University)
- Program Continuous Improvement Workshop (Najran University)
- Using Modern Technologies in Teaching (Najran University)
- Standards of Quality Assurance and Program Accreditation (Najran University)
- Evaluation Systems of Faculty Members (Najran University)
- Performance Indicators and Quality Assurance Control (Najran University)
- Course Description and Report (Najran University)
- Blackboard Training workshop Basic level (Najran University)
- Blackboard Training workshop Advanced level (Najran University)
- MATLAB and Python programming certificate

PROFESSIONAL ACTIVITIES:

Technical Program Committee for Conferences (Conf)

- The 4th International Conference on E-Business and Internet (ICEBI 2020)

Journals Reviewer

- International Journal of Intelligent Engineering Informatics (IJIEI)
- International Journal of Data Science (IJDS)
- Studies of Applied Economics
- Advances in Data Science and Adaptive Analysis (ADSAA)

Examiner of Graduation Projects

- Project 1 "Building a lab for Network Administration and distributed Systems Using Old PCs"
- Project 2 "Vaccination Reminder System (VRS)"
- Project 1 "RateMe: A Recommendation System for Social Media Content"
- Project 2 "RateMe: A Recommendation System for Social Media Content"
- Project 1 " Interactive System for bartering a commodities"
- Project 2 " Interactive System for bartering a commodities"

FUNDED PROJECTS:

Title	Tele-COVID A Telemedicine Architectural Design for COVID 19 Patients
Researchers	Asadullah Shaikh, Mana Al Reshan, and Hani Alshahrani
Grant No	NU/ESCI/18/010
Dates	May 2020 to May 2021
FPR. Status	Completed

HONORS/AWARDS:

- Scholarship to do my Master and Ph.D, Najran University, KSA