



Wazir Zada Khan  
Professor and Consultant  
Department of Computer Science  
University of Wah

#### Contact Information:

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#### Education

- PhD in Network Security  
University Technology  
PETRONAS, Malaysia  
2015

## Wazir Zada Khan, Professor and Consultant at University of Wah

### Emerging Areas of Interest

- Cybersecurity
- Industrial IoTs
- Cybersecurity Risk Management Consultancy
- Cybersecurity Awareness

### Professional Summary

More than 15 years of teaching/professional experience in Pakistan and Saudi Arabia. Currently working as Professor and Dean Faculty of Computer Science, University of Wah. Published over 100 research papers in the journals and conferences of international repute with accumulative Impact Factor of 200+. Reviewer of many reputed journals and also a member of the technical program committee for many international conferences.

### Key Projects/ Consulting Expertise

Co-Founder of Farasan Networking Research Lab and also serving as a Researcher at the "Global Foundation for Cyber Studies and Research" (<https://www.gfcyber.org>), which is an independent, non-profit, and non-partisan cybersecurity think-tank based in Washington D.C.

Involved in many international projects while serving in Saudi Arabia. Currently, engaged in a project which is a joint venture between the University of Michigan and King Saud University with the title Combating Cybersecurity Attacks in Connected and Autonomous Vehicles Via Multi-Layer Protection. This project aims to provide a security solution for the upcoming Ford motors Autonomous car.

### Key Skills and Strengths

- Cybersecurity Consultancy
- Research and Academic Consultancy
- Technology and Innovation Consultancy
- Data Science and Machine Learning Consultancy
- Autonomous Vehicles and IoT Consultancy
- Insurance and Risk Management Consultancy

### Recognitions

- Listed among the World's top 2% scientists for four consecutive years – 2024, 2023, 2022, and 2021, as reported by John P. A. Ioannidis from Stanford University (USA) and his team from

Elsevier's Research Intelligence team (Netherlands), and SciTech Strategies, Inc., Albuquerque, New Mexico (USA).

- Inventor of two U.S. patents focused on advanced cybersecurity technologies for Connected and Autonomous Vehicles (CAVs), addressing critical vulnerabilities in vehicle communication systems and enhancing resilience against cyberattacks.
- Spearheaded research on CAV Cybersecurity Risk Scoring (CAV-CRS), integrating predictive indicators to optimize insurance premiums and improve risk management frameworks.
- Authored over 100 high-impact publications with more than 7,500 citations and an h-index of 41, contributing to groundbreaking advancements in IoT, blockchain, and edge computing.
- Led interdisciplinary projects exploring secure IoT frameworks and blockchain-based digital identity systems, with applications in smart cities, healthcare, and autonomous systems.
- Developed and taught graduate and undergraduate courses in Advanced Network Security, Blockchain Technology, and IoT, empowering future professionals in cybersecurity and emerging technologies.
- Collaborated on international research initiatives, publishing in top-tier journals and conferences, with a focus on leveraging machine learning for enhanced cybersecurity and autonomous system performance.

### **Memberships and Affiliations**

- Dean/ Professor – Faculty of Computer Science, UOW
- Senior Member, IEEE
- Researcher (@ Global Foundation for Cyber Studies and Research)
- Associate Member, Professional Research Organization

### **Availability and Consulting Terms**

- Available to collaborate on projects related to research, proposal development, and event planning. Open to short-term assignments and willing to negotiate terms based on project requirements.