Academic Resume

Ahmed Alzahrani

Assistant Professor, Computer Science Department

Cybersecurity Specialist and Researcher with a hands-on approach to safeguarding digital assets and infrastructures. Experienced in providing strategic security advice, conducting comprehensive cybersecurity audits, and performing cyber forensics investigations.

Contact Information.

Building 31, Room 153, Ext. NA, Add. Faculty of Computing and Information Technology, aaalzahrani9@kau.edu.sa.

Highest Degree.

2019, Ph.D, Cybersecurity, University of Glasgow, UK.

Academic and Professional Experiences.

1. **2023 - Present**
   A member of the team for the Prince Naif bin Abdulaziz Al Saud Chair, which is dedicated to developing methods for preventing cybercrimes in technical fields., , .
2. **2023 - Present**
   Cyber Security Consultant | Cyber Security Center | KAU, , .
3. **2021 - Present**
   Head of the Cyber Security Club, FCIT, KAU.
4. **2020 - Present**
   Assistant Professor, Faculty of Computing and IT, King Abdulaziz University.
5. **2020 - 2022**
   Head of e-learning Unit, Deanship of e-learning and Distance Education, King Abdulaziz University.
6. **2016 - Present**
   Trainer (eLearning Systems - Cyber Security) Including the cyber security courses development., ., KAU |Tuwaiq Academy| and different institutes.
7. **2016 - 2020**
   Lecturer, Faculty of Computing and IT, King Abdulaziz University.
8. **2016 - 2016**
   Head of e-Learning Programs Dept., Deanship of e-learning and Distance Education, King Abdulaziz University.
9. **2014 - 2016**
   Lecturer and Head of Training Unit, Deanship of e-learning and Distance Education, King Abdulaziz University.
10. **2013 - 2014**
    IT Projects Execution Manager, Riyadh, Saudi Electricity Company.

Last Profile Update: May   05, 2024

Academic and Professional Experiences.

11. **2012 - 2013**
    Senior Business Systems Analyst, Jeddah, Abdul Latif Jameel Company Ltd.
12. **2011 - 2011**
    CRM Developer, Melbourne, Australia, Yarra Valley Farms Company,.

Research Interests.

Cyber security gamification, Security Awareness, Human-Centered Cyber Security, Cyber Security Incidents Analysis, Cyber security decision making, IoT security, Social engineering, Security Policy Compliance, Digital Forensics, Web security, AI In Cyber Security.

Teaching Interests.

Web security, Cryptography, Computer security, Human-Centered Cyber Security, Cyber Security Incidents Analysis, Cyber security decision making, Digital Forensics.

Certifications and Trainings.

1. Project Management Professional(PMP).
2. Blackboard trainer; certified.
3. Information Technology Infrastructure Library (ITIL).
4. Ethical Hacking.
5. Cambridge International Certificate in IT skills.
6. Diploma of professional development in teaching and learning,KAU.
7. Academic leadership, KAU.
8. The use of AI techniques to monitor e-exam.
9. GRC Professional (GRCP) Certification.
10. Business Intelligence Foundation Professional Certification.
11. Digital Forensics.
12. GRC Audit (GRCA) Certification.
13. ISO 27001 Internal Audit Certification, [Information Security Management Systems (ISMS)].

Social, Scientific and Professional Affiliation.

1. 2012-2018, Member, Australian Computer Society.
2. 2019-Present, Reviewer, Emerald journal.

Excellence Awards and Patents.

1. 2012, International, certificates of appreciation for excellence in academic, Master Degree, from Saudi Arabian cultural mission, Australia.
2. 2019, International, The winner of the research competition at the University of Glasgow during my PhD, University of Glasgow.
3. 2020, International, certificates of appreciation for excellence in academic, PhD, Saudi Arabian cultural mission, UK.

Funded Projects.

1. 2023, Institutional Fund Projects, Ministry of Education and King Abdulaziz University, DSR, Closed.

Last Profile Update: May   05, 2024

Publications.

1. Ahmed Alzahrani, "Digital Image Forensics: An Improved Densenet Architecture For Forged Image Detection", Engineering, Technology &Amp;Amp; Applied Science Research, vol: 14, pp. 13671-13680, 2024.
   DOI: 10.48084/etasr.7029

2. Ahmed Alzahrani, Muhammad Zubair Asghar, "Cyber Vulnerabilities Detection System In Logistics-Based Iot Data Exchange", Egyptian Informatics Journal, vol: 25, pp. 100448, 2024.
   DOI: 10.1016/j.eij.2024.100448

3. Ahmed Alzahrani, Muhammad Zubair Asghar, "Intelligent Risk Prediction System In Iot-Based Supply Chain Management In Logistics Sector", Electronics, vol: 12, pp. 2760, 2023.
   DOI: 10.3390/electronics12132760

4. Ahmed Alzahrani, "License Plate Recognition Using A Hybrid Class Attention-Inception Network", International Conference On Multidisciplinary Research In Technology And Management (Mrtm 2023), 2023.

5. Ahmed Alzahrani, Muhammad Zubair Asghar, "Maintaining User Security In Consumer Electronics-Based Online Recommender Systems Using Federated Learning", Ieee Transactions On Consumer Electronics, 2023.

6. Fawaz Alassery, Ahmed Alzahrani, Asif Irshad Khan, Kanika Sharma, Masood Ahmad, Raees Ahmad Khan, "Evaluating Security Of Big Data Through Fuzzy Based Decision-Making Technique", Computer Systems Science And Engineering, vol: 44, pp. 859-872, 2022.
   DOI: 10.32604/csse.2023.025796

7. Fawaz Alassery, Ahmed Alzahrani, Asif Irshad Khan, Kashif Irshad, Saiful R. Kshirsagar, "An Artificial Intelligence-Based Solar Radiation Prophesy Model For Green Energy Utilization In Energy Management System", Sustainable Energy Technologies And Assessments, vol: 52, pp. 102060, 2022.
   DOI: 10.1016/j.seta.2022.102060

8. Fawaz Alassery, Ahmed Alzahrani, Asif Irshad Khan, Ashi Khan, Mohd Nadeem, Md Tarique Jamal Ansari, "Quantitative Evaluation Of Mental-Health In Type-2 Diabetes Patients Through Computational Model", Intelligent Automation & Soft Computing, vol: 32, pp. 1701-1715, 2022.
   DOI: 10.32604/iasc.2022.023314

9. Mario Pulido, Christopher W. Johnson, Ahmed Alzahrani, "Security Awareness Level Evaluation Of Healthcare Participants Through Educational Games", International Journal Of Serious Games, 2021.

10. Ahmed Alzahrani, "Coronavirus Social Engineering Attacks: Issues And Recommendation", International Journal Of Advanced Computer Science And Applications, vol: 11, 2020.
    DOI: 10.14569/IJACSA.2020.0110523

11. Ahmed Alzahrani, Christopher Johnson, "Ahp-Based Security Decision Making: How Intention And Intrinsic Motivation Affect Policy Compliance", International Journal Of Advanced Computer Science And Applications, vol: 10, 2019.
    DOI: 10.14569/IJACSA.2019.0100601

12. Ahmed Alzahrani, Christopher Johnson, "Autonomy Motivators, Serious Games, And Intention Toward Isp Compliance", International Journal Of Serious Games, vol: 6, pp. 67-85, 2019.
    DOI: 10.17083/ijsg.v6i4.315

13. Ahmed Alzahrani, Chris Johnson, Saad Altamimi, "Information Security Policy Compliance: Investigating The Role Of Intrinsic Motivation Towards Policy Compliance In The Organisation", 2018 4th International Conference On Information Management (Icim), pp. 125-132, 2018.
    DOI: 10.1109/INFOMAN.2018.8392822

Publications.

14. Saad Altamimi, Timothy Storer, Ahmed Alzahrani, "The Role Of Neutralisation Techniques In Violating Hospitals Privacy Policies In Saudi Arabia", 2018 4th International Conference On Information Management (Icim), pp. 133-140, 2018.
DOI: 10.1109/INFOMAN.2018.8392823

15. Ahmed Alzahrani, Khaled Alomar, "Information Security Issues And Threats In Saudi Arabia: A Research Survey", International Journal Of Computer Science Issues, vol: 13, pp. 129-135, 2016.
DOI: 10.20943/01201606.129135

Last Profile Update: May   05, 2024