# Academic Resume

# Bandar Alghamdi

## Assistant Professor, Information Technology Department

Results-driven professional with expertise in Information Technology and strong administrative skills. Solid academic background, extensive experience. Skilled in project management, resource optimisation. Meticulous attention to detail, effective communication. Proven track record of success. Eager to contribute to organisations valuing administrative prowess and technological expertise.

## Contact Information.

Add. 4353, Sharurah, Jeddah, Saudi Arabia, 966-555-260-606, bmmalghamdi@kau.edu.sa.

## Highest Degree.

2022, Computer Science, Network Computing, University of Southampton, UK.

## Academic and Professional Experiences.

1. **2023 - Present**
   Project Executive of Vocational Training in IT provided to RSG, FCIT, King Abdulaziz University.
2. **2022 - Present**
   Coordinator of Summer Training Committee, IT, FCIT, King Abdulaziz University.
3. **2022 - Present**
   Director of Technological Environment Unit, FCIT, King Abdulaziz University.
4. **2022 - 2023**
   Head of Plans and Partnership Committee, IT, FCIT, King Abdulaziz University.
5. **2009 - 2017**
   Lecturer, Faculty of Computing and Information Technology, King Abdulaziz University.
6. **2008 - 2009**
   IT Manager, Faculty of Education, King Abdulaziz University.
7. **2008 - 2009**
   Learning and Development Advisor, Faculty of Education, King Abdulaziz University.
8. **2003 - 2006**
   Associate Lecturer, Faculty of Education, King Abdulaziz University.

## Research Interests.

Vehicular ad hoc networks, Emergency systems and disaster management, Distributed systems, Computer networks, Data mining, Wireless sensor networks, Energy efficiency, Networking optimisation, In-situ signal processing, Internet of Things (IoT), Mobile computing, Location-based services.

## Teaching Interests.

Internet of Things, Wireless Data Networks, Information Security, Computer Networks.

Last Profile Update: May 07, 2024

## Certifications and Trainings.

1. 2151 Microsoft Windows Network and Operating System Essential.
2. 2152 Microsoft Windows Network and Operating System Essential.
3. 2153 Microsoft Windows Network and Operating System Essential.
4. Workshop on Preparing the Strategic Plan for FCIT 2024-2026, KAU.
5. Diploma in Academic Leadership, KAU.
6. Co-reviewing with a mentor, Web of Science Academy, Clarivate.
7. Good Citation Behavior, Web of Science Academy, Clarivate.
8. Diploma of Professional Development in Teaching and Learning, KAU.
9. KAU Scholars Program, KAU.
10. Reviewing in the Sciences, Web of Science Academy, Clarivate.
11. An Introduction to Peer Review, Web of Science Academy, Clarivate.

## Social, Scientific and Professional Affiliation.

1. 2008-2017, Lecturer, King Abdulaziz University.
2. 2017-2021, Doctoral Scholar, University of Southampton.
3. 2022-Present, Assistant Professor, King Abdulaziz University.

## Excellence Awards and Patents.

1. 2023, Patent, Security Door Handle, Designs and Trade Marks, Intellectual Property Office, UK.

## Funded Projects.

1. 2023, Vocational Training in Information Technology, Red Sea Global, This is a two-year-diploma program with 6 months apprenticeship in Information Technology provided to the Red Sea Global Company..

## Publications.

1. Bandar M. Alghamdi, "Computer Networking And Control Protocols", 2023.

2. Bandar M. Alghamdi, "Human Detection In Crowded Scenes Using Hybrid Resnet", 2023 International Conference On Sustainable Communication Networks And Application (Icscna), pp. 516-520, 2023.
   DOI: 10.1109/ICSCNA58489.2023.10370582
3. Shatha Alahmadi, Abeer Hakeem, Afraa Attiah, Bandar Alghamdi, Linda Mohaisen, "Towards Scalable And Privacy-Enhanced On-Street Parking Management: A Roadmap For Future Inquiry", Electronics, vol: 12, pp. 4160, 2023.
   DOI: 10.3390/electronics12194160