

## Academic Resume



### Basmah Alzahrani

#### Lecturer, Information Technology Department

A Lecturer at the Information Technology Department.

#### Contact Information.

Building 61, Room S-167, Add. Faculty of Computing and Information Technology - IT department,  
baalzahrani4@kau.edu.sa.

#### Highest Degree.

2023, Master of Science, Information Technology, King Abdulaziz University, Saudi Arabia.

#### Academic and Professional Experiences.

1. **2024 - Present**  
Lecturer, Information Technology Department, Faculty of Computing and Information Technology, King Abdulaziz University.
2. **2018 - 2023**  
Teaching Assistant, Information Technology Department, Faculty of Computing and Information Technology, King Abdulaziz University.

#### Research Interests.

Big Data, Access Control, Graph Database.

#### Teaching Interests.

Databases, Networks, Computer Graphics.

#### Certifications and Trainings.

1. Experience Certificate from Computer Skills Unit at King Abdulaziz University.
2. Three Strategies to Engage Students using the e-Learning Environment Workshop.
3. Scientific Text Processing Workshop Using Latex.
4. Basics of Data Preparation Workshop.
5. Designing Effective Assessment.
6. Instructional design and achievement of learning outcomes.
7. Artificial intelligence in education and scientific research: ChatGPT a practical application.
8. Functional intelligence and functional competence.
9. Self-quality program: health quality.
10. Self-quality program: professional quality.
11. Robot programming skills.

## Social, Scientific and Professional Affiliation.

### Publications.

1. Basmah Alzahrani, Asma Cherif, Suhair Alshehri, Abdessamad Imine, "Securing Big Graph Databases: An Overview Of Existing Access Control Techniques", International Journal Of Intelligent Information And Database Systems, vol: 16, pp. 286-315, 2024.  
DOI: [10.1504/IJIDS.2024.137709](https://doi.org/10.1504/IJIDS.2024.137709)
2. Basmah Al-Zahrani, Suhair Alshehri, Asma Cherif, Abdessamad Imine, "Property Graph Access Control Using View-Based And Query-Rewriting Approaches", 2022 Ieee/Acs 19th International Conference On Computer Systems And Applications (Aiccsa), pp. 1-2, 2022.  
DOI: [10.1109/AICCSA56895.2022.10017709](https://doi.org/10.1109/AICCSA56895.2022.10017709)
3. Wafaa M. Shalash, Aliaa Al Hazimi, Basma Al Zahrani, "A Mobile Based Crowd Management System", Ijarce, vol: 6, pp. 205-215, 2017.  
DOI: [10.17148/IJARCE.2017.6638](https://doi.org/10.17148/IJARCE.2017.6638)