

1 **Name & Rank:** Basma AbdulRazzaq Alfahad, Senior Teaching Assistant.

2 Education

Degree	Discipline	Institution	Year
M. Sc.	Computer Engineering	Kuwait University	2004
B. Sc.	Computer Engineering	Kuwait University	2001

3 Academic Experience

Institution	Designation	Year/Period	FT/PT
Kuwait University	Senior Teaching Assistant	2024	FT
Kuwait University	Associate Teaching Assistant	2016	FT
Kuwait University	Teacher Assistant (A)	2011	FT
Kuwait University	Scientific Assistant	2007	FT
Kuwait University	Lab. Engineer	2001	FT

4 **Non-Academic Experience:** None

5 **Certifications / professional registrations:** None

6 **Membership in Professional Organization:** None

7 Honors and Awards:

- Honored by his Highness the Amir of Kuwait in the annual graduation ceremony for outstanding students in B.S of Kuwait University in 2001 and in M.S of Kuwait University in 2004.
- Certificate of Success from NCC for first semester 97-98.
- Honor Dean List for years from 1997 to 2001.
- Success Student List for years from 1998 to 2000.
- Certificate of Completion from Kuwait Institute for Scientific Research.
- Certificate of Appreciation from Kuwait Environment Protection Society.
- Certificate for the preparation of ENG-200 & CpE-201 Lab Manuals (2023).

8 Service Activities:

Participated in the following Department Committees:

Teaching Assistance Load Distribution Committee, Conducting Interviews to Hire Department Employees, Development Embedded Systems Laboratory Committee, CpE-364 Lab Manual Evaluation Committee, Design TAG Committee, CpE-364 Lab Coordinator and Training the new TAs, Developing Computer Programming for Engineering Lab Manual in JAVA (ENG 200), Developing Computer Object-Oriented Paradigm Lab Manual in Python and JAVA (CpE 201).

9 Publications and Presentations (from past five years):

Mohammed W. Baidas, Ahmed M. AbdelGhaffar, Basma Alfahad, and Emad Alsusa. "Resource Allocation for Network-Coded Uplink Clustered Multi-Carrier NOMA Networks ". In *Wireless Communications and Networking Conference (WCNC): Track 3 – Resource Allocation and Machine Learning. IEEE, 2024.*

10 Recent Professional Development Activities:

- Attended training courses for CpE-264 Digital Logic, CpE-364 Embedded Systems and CpE-469 Computer Architecture Laboratories offered from the department.
- Attended training sessions for MAX+PLUS II Software, C, C++, Assembly, and Java languages.
- Attended MATLAB workshop held by Prof. Haitham Lababidi in 2018.

- d. Attended E-Learning Workshop for Engineering.
- e. Attended the training course "BlackBoard Learn Essentials" in 2017.
- f. Representing Kuwait University as organizing committee in "The International Conference on Technology, Communication and Education" in Gulf University for Science & Technology in 2008.
- g. Attended the First International Conference on Computing Sciences and Engineering (ICCSE2015), Kuwait, March 2015.
- h. Participated and attended the 7th Scientific Poster Event with a poster titled "A Taxonomy for Moving Object Queries in Spatial Databases" in 2016.
- i. Attended a workshop in "Outcome Based Teaching and Assessment (Principles and Applications) and (Professional Skills)" in 2017.
- j. Attended a workshop in "Engineering Labs (Teaching and Assessment)" in 2017.
- k. Prepared and monitored the admission examination for applicants to the Public Authority of Housing Welfare, Kuwait in 2019.
- l. Attend IoT Fundamentals: Connecting Things Course, Cisco Networking Academy, November 2020.
- m. Attended the First GCC Engineering Symposium, Kuwait, October 2023.
- n. Attended the fourth Gulf Cyber Security Challenges, Kuwait, November 2023.