

Ms. Sahar Alwadei

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EDUCATION AND QUALIFICATION :

- **M.Sc. in Computer Sciences, September 2015 - January 2018**
College of Computing and Information Technology,
King Abdul-Aziz University.
- **B.Sc. in Computer Sciences, October 2008 - June 2012**
College of Compute Science and Information Systems,
Najran University.

WORK EXPERIENCES :

- **Lecturer (Assigned till promotion) , January 2018 — Present**
College of Computer Science and Information Systems, Najran University.
 - Teaching some major courses in computer science such as programming languages and data structures and supervising the lab activities of these courses.
 - Coordinating and operating in different committees and performing many related tasks.
 - Training students for local, national, and international programming competitions.
 - Supervising student at graduation projects and evaluating them.
 - Collaborating in research, seminars and workshops.
- **Teaching Assistant, May 2013 — January 2018**
College of Computer Science and Information Systems, Najran University.
 - Teaching introductory computer science courses and supervising their lab activities.
 - Operating in different committees and performing many related tasks.
- **Arbitrator, December 2013**
King Abdulaziz and his companions Foundation for Giftedness and Creativity (Mawhibah).
 - Evaluating the projects submitted to The Educational Districts' Tournament and later for The National Olympiad for Scientific Creativity Competition at the region level and nominating the qualified ones to the next stages of the completion.
- **Member, February 2013 — December 2013**
The National Center for Assessment in Higher Education (Qiyas).
 - Holding different roles as an observer, hall supervisor and building supervisor performing assigned tasks to each of them.
- **Admirative Officer, December 2012 — May 2013**
College of Computer Science and Information Systems, Najran University.
 - Administrating affairs of employees and academic staff as well as students, proceeding different administrative tasks along with developing their processing forms.

TAUGHT COURSES:

- Programming Language 1
- Object Oriented Programming
- Data Structures

PUBLICATIONS:

- Alwadei, Sahar & Dahab, Mohamed & Kamel, Mahmud. High Performance GA-LDA Feature Selection Model for Brain Computer Interface Data. (Processing).
- Alwadei, Sahar & Dahab, Mohamed & Kamel, Mahmud. A Feature Selection Model based on High-Performance Computing (HPC) Techniques. International Journal of Computer Applications. 180. 11-16. 10.5120/ijca2017916054. (2017).
- Aqel, Afnan & Alwadei, Sahar & Dahab, Mohamed. Building an Arabic Words Generator. International Journal of Computer Applications. 112. 975-8887. 10.5120/19738-1540. (2015).

RESEARCH INTERESTS:

- Deep Learning and Neural Networks.
- High Performance Computing Applications.
- Machine Learning.