

SAMI A. ALGHAMDI, Ph.D

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EDUCATION

SEP 2018

PHD IN COMPUTER SCIENCE, UNIVERSITY OF READING, READING, UK

Thesis title: Efficient Clustering Techniques for Big Data

JAN 2012

MS IN COMPUTER SCIENCE, SAINT JOSEPH'S UNIVERSITY, PHILADELPHIA, USA

JAN 2003

BS IN COMPUTER SCIENCE, KING ABDULAZIZ UNIVERSITY, JEDDAH, KSA

EXPERIENCE

09/2022 – now

VICE DEAN FOR ALUMNI AFFAIRS, DEANSHIP OF ADMISSION AND REGISTRATION

AL-BAHA UNIVERSITY – AL-BAHA

- Established an effective communication channel with the university alumni.
- Arranged the signing of agreements to exchange employment information of Al-Baha University alumni with several employment agencies.
- Played a crucial role in signing an agreement with Human Resources Development Fund to establish an *Employment Office* in Al-Baha University.
- Supervised the creation and development of the *Career Counselling Office* in cooperation with Human Resources Development Fund.
- Led the team of the qualification check service (*Moahal*).

02/2019 – 09/2022

VICE DEAN FOR DEVELOPMENT & QUALITY, DEANSHIP OF ADMISSION AND REGISTRATION

AL-BAHA UNIVERSITY – AL-BAHA

- Contributed to the analysis of data that measures KPIs related to the institutional accreditation.
- Insured the integrity of students' data in the Students Information System (SIS).
- Supervised the *Annual Executive Plan* for the Deanship of Admission and Registration.
- The *communication officer* with several parties inside and outside the university.

02/2019 – now

ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE, AL-BAHA UNIVERSITY – AL-BAHA

- Taught various computer science subjects.
- Managed the Labs Maintenance Unit in the College of Computer Science and Information Technology.
- Member of several committees in the Department of Computer Science.
- Supervised many students' final projects.

10/2012 – 02/2019

LECTURER, DEPARTMENT OF COMPUTER SCIENCE, AL-BAHA UNIVERSITY – AL-BAHA

10/2008 – 10/2012

DEMONSTRATOR, DEPARTMENT OF COMPUTER SCIENCE, AL-BAHA UNIVERSITY – AL-BAHA

- Supervised the bridging program (Tajseer) in the Department of Computer Science.
 - Contributed to building the study plan of the computer science department.
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01/2008 – 05/2008

COMPUTER ENGINEER, *ADVANCED ELECTRONICS COMPANY, KING KHALID AIR BASE, KHAMIES MUSHAIT*

- Supervisor of the IT department in the 55th Squadron.
- Managed the internal network of the 55th squadron.
- Organised graduation ceremonies for newly graduated fighter pilots.
- Led the systems development team that developed many systems for scheduling flights.

02/2004 – 12/2007

COMPUTER ENGINEER, *ALSALAM AIRCRAFT COMPANY, KING KHALID AIR BASE, KHAMIES MUSHAIT*

- Same as previous tasks.

08/2003 – 12/2003

COMPUTER TEACHER, *MINISTRY OF EDUCATION*

COMPETENCIES

Big Data Frameworks and Platforms – Data Analysis – Machine Learning Algorithms – Analysis & Problem-Solving - Process Automation – Decision Making – Research & Information Management – Time Management - Ability to Collaborate – Adaptability.

PUBLICATIONS

- **Journal Article** (peer reviewed): Alghamdi, S., (2022). An Intelligent Approach for Improving Students' Performance. *Albaha University Journal of Basic and Applied Sciences (BUJBAS)*.
- **Conference paper** (peer reviewed): Alghamdi, S. Sheta, O. Adrees, M. (2022, March 29–31). A Framework of Prompting Intelligent System for Academic Advising Using Recommendation System Based on Association Rules. *CETA 2022, Alanya, Turkey*.
- **Journal Article** (peer reviewed): Al Ghamdi, S., & Di Fatta, G. (2019). Efficient clustering techniques on Hadoop and Spark. *International Journal of Big Data Intelligence*, 6(3/4), 269-290.
- **Conference paper** (peer reviewed): S. Al Ghamdi, G. Di Fatta, "Efficient Parallel K-Means on MapReduce Using Triangle Inequality," in *Proceedings of the 2017 IEEE 3rd International Conference on Big Data Intelligence and Computing*, Orlando, Florida, USA, pp. 985-992, November 2017.
- **Conference paper** (peer reviewed): S. Al Ghamdi, G. Di Fatta, F. T. Stahl, "Optimisation Techniques for Parallel K-Means on MapReduce," in *Proceedings of the 8th International Conference on Internet and Distributed Computing Systems*, IDCS 2015, Windsor, UK, pp. 193-200, September 2015.

AWARDS & HONORS

- **HRH Prince Hussam bin Saud Al-Saud, Prince of Al-Baha Province** for contributions towards the committee work efforts in Al-Baha Creativity and Excellence Award. (2022 and 2023)
- **Human Resources Development Fund**, for achieving the 4th place amongst national universities in Career Counselling for university students. (2023)
- **Al-Baha University's President**, for contributions in achieving the institutional accreditation. (2021)
- **King Khalid Airbase, 5th Wing Commander**, for outstanding performance in IT department. (2006)
- **King Abdulaziz University, Department of Computer Science**, for achieving the 5th place in Final Year Projects. (2003)