

RESUME/ CURRICULUM VITAE

Name: **Sami Abdulrahman Mohammad Alghamdi**

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EDUCATION/ACADEMIC QUALIFICATIONS

- **09/2018** **PhD in Computer Science**
University of Reading, Reading, UK
Supervisor: Dr. Giuseppe Di Fatta
Thesis title: Efficient Clustering Techniques for Big Data
- **01/2009** **MS in Computer Science**
Saint Joseph's University, Philadelphia, USA
- **01/2003** **BS in Computer Science**
King Abdulaziz University, Jeddah, KSA

EMPLOYMENT HISTORY

- **02/2019 - Now** **Assistant Professor**
Computer Science Department - Al-Baha University
- **10/2012 – 02/2019** **Lecturer**
Computer Science Department - Al-Baha University
- **10/2008 – 10/2012** **Demonstrator**
Computer Science Department - Al-Baha University
- **01/2008 – 05/2008** **Computer Engineer**
Advanced Electronics Company
- **02/2004 – 05/2008** **Computer Engineer**
Alsalam Aircraft Company
- **08/2003 – 12/2003** **Computer Teacher**
Ministry of Education

PUBLICATIONS

- Journal Article: S. Al Ghamdi, G. Di Fatta, “Efficient Clustering Techniques on Hadoop and Spark,” *International Journal of Big Data Intelligence (IJBDI)*. [in press]
- 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.

TEACHING EXPERIENCE

- Selected Topics In Computer Science (Selected topics in Data Mining)
- Introduction to Information Technology and Communications
- Introduction to Computer Science
- Web Technologies
- Introduction to Programming | (C++)
- Introduction to Programming || (C++)
- Database Management Systems

PROFESSIONAL DEVELOPMENT

- Training workshop in “Quality Assurance and Institutional Accreditation Standards and the Requirements to Achieve them”, 12 hours, Riyadh on 10-11 Feb 2019.

REFERENCES

Dr. Giuseppe Di Fatta

My PhD Supervisor

Head of the Department of Computer Science, University of Reading, UK

G.DiFatta@reading.ac.uk, +44 118 378 8221

Prof. Babak Forouraghi

Chair of the Department of Computer Science, Saint Joseph’s University, USA

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