

Academic Resume



Halima Samra

Assistant Professor, Information Systems Department

Halima Samra (PhD, Latrobe University, Melbourne, Australia) Assistant Professor, College of Computing and Information Technology, Department of Information System, King Abdulaziz University. Obtained a master's degree in computer science from La Trobe University, Melbourne, Australia. Previous research and publications were in the area of E-training for Nursing Education. Research interest in the field of health information management, health information retrieval, secondary use of clinical data

Contact Information.

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Highest Degree.

2021, doctor of philosophy, Health Information Systems Management and Integration, La Trobe university, Australia.

Academic and Professional Experiences.

1. **2021 - Present**
Assistant Professor, Faculty of Computers and Information Technology, Department of Information Systems, Jeddah, KSA, , .
2. **2014 - 2021**
Lecturer, Faculty of Computers and Information Technology, Department of Information Systems, Jeddah, KSA, , .
3. **2010 - 2014**
Lecturer at The Computer Skills Unit, Computer Skills Unit, Jeddah, KSA, , .
4. **2003 - 2010**
Lecturer of Computer Studies & Member of the Computer Center, Female Health College Jeddah, KSA, , .
5. **1998 - 2002**
Teaching Assistant in Computer Studies, Female Health College in Makkah , KSA, , .

Research Interests.

Database Management (Data Modelling), Health Information Systems Management, NoSQL Databases (Document Databases), Healthcare Data Integration (physical integration).

Teaching Interests.

Knowledge Management, Distributed Systems, Database Management Systems, Principles of Information Systems.

Certifications and Trainings.

1. PhD in Computer Science from La Trobe University / Australia.
2. Bachelor degree in Computer Science from King Abdulaziz University.
3. MSc in Information Technology from La Trobe University / Australia.

Social, Scientific and Professional Affiliation.

1. 2017-Present, academic performance, Golden Key International Honour Society.

Excellence Awards and Patents.

1. 2017, International, Golden Key certificate based on academic performance, Golden Key International Honour Society.

Publications.

1. Halima E. Samra, Alice S. Li, Ben Soh, Mohammed A. AlZain, "A Cloud-Based Architecture For Interactive E-Training", pp. 1379-1392, .
DOI: [10.4018/978-1-5225-8176-5.ch070](https://doi.org/10.4018/978-1-5225-8176-5.ch070)
2. Halima E. Samra, Alice S. Li, Ben Soh, Mohammed A. AlZain, "A Conceptual Model For Cloud-Based E-Training In Nursing Education", pp. 295-310, .
DOI: [10.4018/978-1-5225-7347-0.ch015](https://doi.org/10.4018/978-1-5225-7347-0.ch015)
3. Halima E. Samra, Alice S. Li, Ben Soh, Mohammed A. AlZain, "Review Of Contemporary Database Design And Implication For Big Data", International Journal Of Smart Education And Urban Society, vol: 12, pp. 1-11, 2021.
DOI: [10.4018/IJSEUS.2021100101](https://doi.org/10.4018/IJSEUS.2021100101)
4. Halima Samra 1, 2, *, Alice Li 3, Ben Soh 1, "Design Of A Clinical Database To Support Research Purposes: Challenges And Solutions", International Journal Of Advanced And Applied Sciences, 2021.
5. Halima Samra, Alice Li, Ben Soh, "Gene2d: A Nosql Integrated Data Repository Of Genetic Disorders Data", Healthcare, vol: 8, pp. 257, 2020.
DOI: [10.3390/healthcare8030257](https://doi.org/10.3390/healthcare8030257)
6. Halima Samra, Alice Li, Ben Soh, "G3dms: Design And Implementation Of A Data Management System For The Diagnosis Of Genetic Disorders", Healthcare, vol: 8, pp. 196, 2020.
DOI: [10.3390/healthcare8030196](https://doi.org/10.3390/healthcare8030196)
7. Halima Samra, Alice Li, Ben Soh, Mohammed Al Zain, "Utilisation Of Hospital Information Systems For Medical Research In Saudi Arabia: A Mixed-Method Exploration Of The Views Of Healthcare And It Professionals Involved In Hospital Database Management Systems", Health Information Management Journal, vol: 49, pp. 117-126, 2019.
DOI: [10.1177/1833358319847120](https://doi.org/10.1177/1833358319847120)
8. Halima E. Samra, Alice S. Li, Ben Soh, Mohammed A. AlZain, "A Cloud-Based Architecture For Interactive E-Training", International Journal Of Knowledge Society Research, vol: 8, pp. 67-78, 2017.
DOI: [10.4018/IJKSR.2017010104](https://doi.org/10.4018/IJKSR.2017010104)
9. Halima E. Samra, Alice S. Li, Ben Soh, Mohammed A. Alzain, "A Conceptual Model For An Intelligent Simulation-Based Learning Management System Using A Data Mining Agent In Clinical Skills Education", 2016 4th International Conference On Enterprise Systems (Es), pp. 81-88, 2016.
DOI: [10.1109/ES.2016.17](https://doi.org/10.1109/ES.2016.17)