



Dr. Sumayh Aljameel

Assistant Professor
Computer Science Department
College of Computer Science and Information Technology

Personal Data

Nationality | Saudi

Department | Computer Science

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Language Proficiency

Language	Read	Write	Speak
Arabic	Native	Native	Native
English	Fluent	Fluent	Fluent

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2019	PhD in Artificial Intelligence	Manchester Metropolitan University	Manchester - United Kingdom
2012	Master's in software engineering	University of Manchester	Manchester - United Kingdom
2004	Bachelor's in Computer Science	King Faisal University	Dammam – Saudi Arabia

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	Development of an Arabic Conversational Intelligent Tutoring System for Education of Children with Autism Spectrum Disorder
Master	Which islands have switched – extracting data from MFM images

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Chair	Computer Science Department - College of Computer Science and Information Technology, IAU	8/2020 - present
Assistant Chair	Computer Science Department - College of Computer Science and Information Technology, IAU	2/2020 – 8/2020



Chair	CS Postgraduate Unit- College of Computer Science and Information Technology, IAU	2/2020 – 8/2020
Chair	College Activity Unit - College of Computer Science and Information Technology, IAU	9/2019 - 8/2020
Coordinator	Computer Science Department - College of Computer Science and Information Technology, IAU	2013 - 2015

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work			Date
Assistant Professor	Department of Computer Science	College of Computer Science and Information Technology	Imam Abdulrahman Bin Faisal (IAU)	11/2019 - Present
Lecturer	Department of Computer Science	College of Computer Science and Information Technology	Imam Abdulrahman Bin Faisal (IAU)	1/2013-11/2019
Teaching Assistant	Department of Computer Science	College of Science	University of Dammam	7/2008 – 1/2013

Scientific Achievements

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	Sumayh S. Aljameel, Dina A. Alabbad, Norah A. Alzahrani, Shouq M. Alqarni, Fatimah A. Alamoudi, Lana M. Babili, Somiah K. Aljaafary and Fatima M. Alshamrani	A Sentiment Analysis Approach to Predict an Individual's Awareness of the Precautionary Procedures to Prevent COVID-19 Outbreaks in Saudi Arabia	International Journal of Environmental Research and Public Health (2020,December)
2	Alotaibi, M., Alotaibi, M., Alamri, L., Alkadi, D., Alshahali, S., Aljameel, S., & Youldash, M.	CAPEs Advisory: A Conversational Agent Based on NLP Techniques for Professional Examinations Advisory.	In Proceedings of the Future Technologies Conference (pp. 755-768). Springer. (2020, November).
3	Sumayh Aljameel, O'Shea, J. D., Crockett, K. A., & Latham	LANA-I: An Arabic Conversational Intelligent Tutoring System for Children with ASD.	In Proceedings of Computing Conference. Springer. London – UK (2019)



3	Sumayh Aljameel, O'Shea, J. D., Crockett, K. A., & Latham	Can LANA CITS Support Learning in Autistic Children? A Case Study Evaluation.	In Proceedings of SAI Intelligent Systems Conference (pp. 374-386). Springer. (2018)
4	Sumayh Aljameel, O'Shea, J. D., Crockett, K. A., & Latham	Development of An Arabic Conversational Intelligent Tutoring System for Education of Children with ASD.	IEEE International Conference on Computational Intelligence and Virtual Environments for Measurement Systems and Applications, France. (2017)
5	Sumayh Aljameel, O'Shea, J. D., Crockett, K. A., & Latham	Survey of string similarity approaches and the challenging faced by the Arabic language.	11th IEEE International Conference on Computer Engineering & Systems, Egypt. (2016)
6	Sumayh Aljameel, O'Shea, J. D., Crockett, K. A., & Latham	A Review of Current Technology-Based Intervention for School Aged Children with Autism Spectrum Disorder.	SAI Intelligent Systems Conference, Springer (pp. 868-879). London – UK (2016)

Current Researches

#	Research Title	Name of Investigator(s)
1	A preemptive early warning and prediction model to forecast the progression of COVID-19	Dr. Nida Aslam, Dr. Sumayh Aljameel, Dr. Irfan Abdullrab, Dr. Malak Aljabri
2	Exploiting Social media for exploring the impact of COVID-19 pandemic Outbreak on the individual's Psychological and mental health	Dr. Nida Aslam, Dr. Sumayh Aljameel, Dr. Irfan Abdullrab, Dr. Malak Aljabri
3	An Automated System for Predicting Early Miscarriage in the First Trimester Using Machine Learning Techniques	Dr. Sumayh Aljameel, Dr. Malak Aljabri
4	A Combined Approach for Early Diagnosis of Parkinson's Disease Using Deep Learning and Neuro-Fuzzy Approaches.	Dr. Sumayh Aljameel, Dr. Abdullah Almuhaideb, Dr. Dina Alabbad, Dr. Malak Aljabri, Ms. Rabab Abumalloh

Teaching Activities

Undergraduate



#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Project Implementation	CS 521	Supervising graduation project
2	Project Proposal	CS 511	Supervising graduation project
3	Object oriented programming Language 2	CS 321	Responsible of all lectures and labs for 4 semesters.
4	Object oriented programming Language 1	CS 311	Responsible of all lectures and labs for 4 semesters.
5	Data Structure	CS 310	Responsible of all lectures and labs for 2 semesters.
6	Software Engineering	CS 411	Responsible of all lectures for 3 semesters.
7	Introduction to Computing	CS 211	Responsible of all lectures and labs for 3 semesters.

Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

Committee Membership

#	From	To	Position	Organization
1	8/2020	Present	Chair	Computer Science Department – CCSIT- IAU
2	8/2020	Present	Member	CCSIT College Board, CCSIT, IAU
3	2/2020	8/2020	Chair	Postgraduate Unit – CCSIT - IAU
4	9/2019	8/2020	Chair	Activity Unit– CCSIT - IAU
5	9/2019	8/2020	Member	Strategic Planning– CCSIT - IAU
6	9/2019	8/2020	Member	Advisory Unit – CCSIT - IAU

Workshops/Conferences Attended

- Core Competencies in Teaching and Learning an Intensive Training Program-November 2020- IAU
- The Women in Data Science in KFUPM workshop-October 2020- KFUPM-KSA
- The meeting of heads of academic departments, IAU-October 2020- IAU
- Participation during a 54 hours Techstars Online Startup Weekend event in collaboration with Ministry of Education Saudi Arabia-July 2020
- Attended International Conference in the Internet of Things (Saudi IoT) – March 2020 -Riyadh
- Education Café held by the Deanship of Academic Development at Imam Abdulrahman bin Faisal University -February 2020
- International Conference in Computing – London 2019 - UK
- SAI Intelligent Systems Conference -London 2018- UK
- SAI Intelligent Systems Conference -London 2016- UK



- 11th IEEE International Conference on Computer Engineering & Systems -December 2016- Cairo Egypt.
- The 9th Saudi Conference in United Kingdom – Birmingham 2016 – UK.
- IEEE International Conference on Computational Intelligence and Virtual Environments for Measurement Systems and Applications- Annecy 2017- France

Last Update

31/12/2020
