

## Employment

### Information Systems

Sultan Qabos University

Sep 10 2002 → present

## Research outputs

### AI-based Prediction of disease outcome in hospitalized COVID-19 patients in Oman

Al-Shaqsi, J., 2022, (In preparation).

### A Machine Learning Based Exploration of Covid19 Mortality Risk: Oman Dataset

Al-Shaqsi, J., 2022, (In preparation).

### Diagnosis of COVID19 by Using Machine Learning

Al-Shaqsi, J., 2022, (In preparation).

### Fatality Prediction of COVID-19 by using Machine Learning: Oman Dataset

Al-Shaqsi, J., 2022, (Submitted).

### Estimating the predominant number of clusters in a dataset

Al Shaqsi, J. & Wang, W., 2013, In: Intelligent Data Analysis. 17, 4, p. 603-626 24 p.

### A hybrid method for estimating the predominant number of clusters in a data set

Alshaqsi, J. & Wang, W., 2012, *Proceedings - 2012 11th International Conference on Machine Learning and Applications, ICMLA 2012*. p. 569-573 5 p. 6406797. (Proceedings - 2012 11th International Conference on Machine Learning and Applications, ICMLA 2012; vol. 2).

### A novel clustering algorithm with a new similarity measure and ensemble methods for mixed data clustering

Al-Shaqsi, J., Oct 10 2010, 1 ed. United Kingdom. 299 p.

### A clustering ensemble method for clustering mixed data

Al-Shaqsi, J. & Wang, W., 2010, *2010 IEEE World Congress on Computational Intelligence, WCCI 2010 - 2010 International Joint Conference on Neural Networks, IJCNN 2010*. 5596684. (Proceedings of the International Joint Conference on Neural Networks).

### Adopting mobile computing in Sultan Qaboos University: The case of mobile majors allocation system (MMAS)

Al-Shaqsi, J. & Al Shihi, H., 2009, *Proceedings of the IADIS International Conference Mobile Learning 2009, ML 2009*. Sanchez, I. A., Barbosa, P., Rodrigues, L. & Isaias, P. (eds.). IADIS, p. 211-216 6 p. (Proceedings of the IADIS International Conference Mobile Learning 2009, ML 2009).

### A novel three staged clustering algorithm

Al-Shaqsi, J. & Wang, W., 2009, *Proceedings of the IADIS European Conference on Data Mining 2009, ECDM'09 Part of the IADIS Multi Conference on Computer Science and Information Systems, MCCSIS 2009*. p. 19-26 8 p. (Proceedings of the IADIS European Conference on Data Mining 2009, ECDM'09 Part of the IADIS Multi Conference on Computer Science and Information Systems, MCCSIS 2009).

### Business transformation in educational institute: A case study in online registration system

Shaqsi, J. A., 2006, *Internet and Information Systems in the Digital Age: Challenges and Solutions - Proceedings of the 7th International Business Information Management Association Conference, IBIMA 2006*. International Business Information Management Association, IBIMA, p. 199-204 6 p. (Internet and Information Systems in the Digital Age Challenges and Solutions - Proceedings of the 7th International Business Information Management Association Conference, IBIMA 2006).

## **Activities**

### **A Moderator of Artificial Intelligence: GCC Statistical Conference 2nd**

Jamil Al-Shaqsi (Participant)  
2020

### **International Joint Conference on Neural Networks (IJCNN) (Publisher)**

Jamil Al-Shaqsi (Reviewer)  
2020

### **A Data Mining Guest Lecture: Muscat College**

Jamil Al-Shaqsi (Participant)  
2019

### **A Moderator of Artificial Intelligence: Science Conference**

Jamil Al-Shaqsi (Participant)  
2019

### **Data Mining**

Jamil Al-Shaqsi (Participant)  
2019

### **Data Science by Using Python**

Jamil Al-Shaqsi (Participant)  
2019

### **Dept. External Relations & Internationalization Committee**

Jamil Al-Shaqsi (Participant)  
2019 → 2022

### **Dept. ISG academic Advisor and Staff Student Liaison Committee**

Jamil Al-Shaqsi (Participant)  
2019 → 2022

### **Head of the Judge Panel: GCC Statistical Forum 2nd**

Jamil Al-Shaqsi (Participant)  
2019

### **IEEE Transactions on Neural Networks and Learning Systems (Publisher)**

Jamil Al-Shaqsi (Reviewer)  
2019 → 2022

### **National Center for Statistical Information**

Jamil Al-Shaqsi (Participant)  
2019

### **Student Development Committee**

Jamil Al-Shaqsi (Participant)  
2019 → 2022

### **Student Liaison Committee**

Jamil Al-Shaqsi (Participant)  
2019 → 2022

**Training Committee**

Jamil Al-Shaqsi (Participant)  
2019 → 2022

**Data Mining Workshop: Second Information Systems Forum**

Jamil Al-Shaqsi (Participant)  
2018

**Application Development Committee**

Jamil Al-Shaqsi (Participant)  
2015 → 2021

**KM and BI Committee,**

Jamil Al-Shaqsi (Participant)  
2015 → 2022

**The Research Council (Publisher)**

Jamil Al-Shaqsi (Reviewer)  
2015 → 2022

**A Member of the Judge Panel: 5th IT Gathering**

Jamil Al-Shaqsi (Participant)  
2013

**A Member of the Judge Panel: Omantel Innovation Committee**

Jamil Al-Shaqsi (Participant)  
2012 → 2013

**A Member of the Judge Panel: Traffic Safety Competition (ROP)**

Jamil Al-Shaqsi (Participant)  
2012 → 2018

**Assessment of Officer Candidates**

Jamil Al-Shaqsi (Participant)  
2012 → 2018

**International Conference on Machine Learning and Applications (Publisher)**

Jamil Al-Shaqsi (Reviewer)  
2012 → 2020

**International Conference on Intelligent Data Engineering and Automated Learning (IDEAL ). (Publisher)**

Jamil Al-Shaqsi (Reviewer)  
2011 → 2018

**IEEE World Congress on Computational Intelligence (IJCNN), (Publisher)**

Jamil Al-Shaqsi (Reviewer)  
2010 → 2015

**Prizes****Excellence in the Field of Computer Science in the Gulf**

Al-Shaqsi, Jamil (Recipient), 2015

**First Prize in the Present Around the World Competition, UK**  
Al-Shaqsi, Jamil (Recipient), 2010

**Grant Research by The Research Council**  
Al-Shaqsi, Jamil (Recipient), Apr 16 2015

**Grant Research by The Research Council**  
Al-Shaqsi, Jamil (Recipient), 2021

**Honored by the Information Technology Authority: A New Radar Application**  
Al-Shaqsi, Jamil (Recipient), 2013

**Honored by the Information Technology Authority : Improved your Brain Performance: Memory, Attention, and Spee**  
Al-Shaqsi, Jamil (Recipient), 2013

**Honored by the Information Technology Authority (ITA) : “Deaf and Mute People Do Talk”**  
Al-Shaqsi, Jamil (Recipient), 2013

**Honored by the Information Technology Authority (ITA): No More in Line, Go Online**  
Al-Shaqsi, Jamil (Recipient), 2013

**Honored by the Information Technology Authority: Plagiarism System**  
Al-Shaqsi, Jamil (Recipient), 2013

**Honored by the Ministry of Higher Education: Excellence in the PhD**  
Al-Shaqsi, Jamil (Recipient), 2010

**Honored by the Vice Chancellor of SQU: Excellence in the Mater Degree, 2005**  
Al-Shaqsi, Jamil (Recipient), 2005

**Honored in the University Day: International Award**  
Al-Shaqsi, Jamil (Recipient), 2012

## **Projects**

**Data Mining Package**  
Al-Shaqsi, J.

**Development of a website for the Authority of Electricity Regulation**  
Al-Shaqsi, J.

**Plagiarism Detection**  
Al-Shaqsi, J.

**Proctoring the Final Exam**  
Al-Shaqsi, J.

## **Courses**

**Business Application Development I**  
Jamil Al-Shaqsi  
9/19/11 → ...

### **Business Application Development II**

Jamil Al-Shaqsi  
9/19/11 → ...

### **Business Software Development I**

Jamil Al-Shaqsi  
9/12/05 → ...

### **Business Software Development II**

Jamil Al-Shaqsi  
9/12/05 → ...

### **Data Mining and Business Intelligence**

Jamil Al-Shaqsi  
9/25/14 → ...

### **Data Warehouse and Data Mining**

Jamil Al-Shaqsi  
9/25/14 → ...

### **Independent Study in Information Systems**

Jamil Al-Shaqsi  
2/7/22 → ...

### **Management Information Systems**

Jamil Al-Shaqsi  
9/19/11 → ...

### **Senior Project in Information Systems**

Jamil Al-Shaqsi  
9/15/14 → ...

### **Special Topic in Information Systems**

Jamil Al-Shaqsi  
12/17/12 → ...

## **Student theses**

### **APPLYING DATA MINING TECHNIQUES FOR EARLY DIAGNOSIS OF DIABETES USING OMAN DATASET**

Author: Al-Shaqsi, J., 2022  
Supervisor: Tarhini, A. (Supervisor) & Al-Shaqsi, J. (Supervisor)

### **Predicting the Factors Affecting Undergraduate Students' Academic Performance Resulting in Falling Under Probation by using Data Mining Techniques: A Case Study of Sultan Qaboos University**

Author: Al-Alawi, L. & Al-Shaqsi, J., 2021  
Supervisor: Al-Shaqsi, J. (Supervisor) & Tarhini, A. (Supervisor)

