CURRICULUM VITAE

Saif Al-Sultan, Ph.D.

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EXECUTIVE SUMMARY

Dr. Saif Al-Sultan received his Ph.D. in Computer Science and Engineering from the Software Technology Research Laboratory at De Montfort University, Leicester, UK, in 2013. He earned his B.Sc. in Computer Engineering and Information Technology from the University of Technology, Iraq, in 2004. His current research interests include Context-Aware Systems, Vehicular Ad Hoc Networks (VANETs), and Intelligent Transportation Systems (ITS). He has also taught several courses at both the graduate and undergraduate levels.

EDUCATION

2013	**Ph.D. in Computer Science and Engineering**
	De Montfort University, United Kingdom

2004	**B.Sc. in Computer Engineering and Information Technology**
	University of Technology, Iraq

EMPLOYMENT

09/2021 to Present	**Associate professor of Information Technology**
	University of North Texas at Dallas, Dallas, Texas.
08/2016 to 08/2021	**Assistant professor of Information Technology**
	University of North Texas at Dallas, Dallas, Texas.
05/2016 to 08/2016	**Adjunct professor of Master of Computer and Information Science**
	Southern Arkansas University, Magnolia, Arkansas.
10/2013 to 01/2016	**Head of the Computer Science Department**
	Assistant professor of Computer Science
	Applied Science University, Kingdom of Bahrain.

TEACHING

Dr. Saif Al-Sultan is firmly committed to delivering high-quality teaching, developing comprehensive syllabi, and designing effective curricula. He gets a great deal of enjoyment from teaching people and always learns a lot from it himself. His fundamental belief is in the diverse learning styles that students possess. As such, his teaching philosophy centers on a student-centered approach, wherein he prioritizes understanding each student's needs and deploys a range of teaching methodologies to empower them and foster an engaging learning environment.

The overall objectives of his teaching are to produce students who:

- Possess state-of-the-art knowledge in Computer Science.
- Have the necessary and up to date practical skills.
- Have the essential critical-thinking skills.
- Can constantly update their knowledge and skills.
- Can add value to the industry in an ethically and socially responsible way.
- Have interpersonal skills and can effectively work both independently and as part of a team.

Throughout his career, he has taught at three different universities, where he designed and delivered numerous courses at both undergraduate and graduate levels. These courses include but are not limited to:

- Software Engineering
- Introduction to Programming - Java
- Object-oriented Programing - Java
- Algorithms Analysis and Design
- Database Systems Design
- Artificial Intelligence
- Data Structures
- Database Administration
- Computer Networks
- Internet Programming
- Computer Security
- Computer Graphics Algorithms
- IT Capstone I and II

Also, he has supervised numerous graduation projects, including but are not limited to:

- Class Scheduler System - Desktop Application.
- Students Advising System - Desktop Application.
- Location Information System - Robot.
- Barbershop Application - Website.
- Intelligent Movies Recommendation System - Website.
- To Do List Application - Website.
- University Mobile Application - Mobile Application.
- Alumni Information System - Desktop Application.
- Barbershop Application - Mobile Application.

SCHOLARLY AND RESEARCH ACTIVITIES

His passion for research has resulted in high-quality publications in reputable journals and conferences, contributing significantly to the field. Below is a list of his published papers:

- Saif Al-Sultan, Ali H. Al-Bayatti and H. Zedan. "Context Aware Driver Behaviour Detection System in Intelligent Transportation Systems". *IEEE transactions on vehicular technology*. Pages 4264-4275, Volume 62, 2013. **(Impact factor 6.8, CiteScore 13.6).**
- Saif Al-Sultan, Moath M. Al-Doori, Ali H. Al-Bayatti and H. Zedan. "A ComprehensiveSurvey on Vehicular Ad Hoc Network". Elsevier - Journal *of Networking and Computer Applications*. Pages 380-392, Volume 37, 2014. **(Impact factor 8.7, CiteScore 19).**
- Hussein Zedan and Saif Al-Sultan. "The specification and design of secure context-aware workflows". Elsevier - *Expert Systems with Applications*. Pages 367-384, Volume 86, 2017. **(Impact factor 8.5, CiteScre 12.6).**
- Nihad Aljuboori and Saif Al-Sultan. "Context Aware Air Traffic Management System". *International Conference on Analytic Driven Solutions (ICAS 2014)*. Pages 1-11, September, 2014, Ottawa, Canada.
- Mussab Aswad and Saif Al-Sultanand Hussein Zedan. "Context Aware Accidents Prediction and Prevention system for VANET". *ACM - 3rd International Conference on Context-aware Systems and Applications*. October, 2014, Dubai, UAE.
- Saif Al-Sultan and Hussein Zedan. "A Unifying Architecture Model for Developing Context Aware Systems". *IEEE SmartWorld*. August, 2017, San Francisco, CA, USA.

He has served as a reviewer for the following journals:

- IEEE transactions on vehicular technology.
- Journal of Networking and Computer Applications.
- Information Sciences Journal.
- Expert Systems with Applications.