

CURRICULUM VITAE

Saif Al-Sultan

Part I

Executive Summary

Dr. Saif Al-Sultan received his B.S. degree in Computer Engineering from the University of Technology, Iraq, in 2004, and the Ph.D. degree in Computer Science and Engineering from the Software Technology Research Laboratory, De Montfort University, Leicester, UK, in 2013. His current research interests include Context-Aware system, VANET and Intelligent Transportation Systems (ITS). His h-index is 2 and his i10-index is 2. To date, according to google scholar, his publications have been cited by 300 researchers worldwide.

Dr. Saif believes it is important that a given team of workers should have a strong leadership that ensures working towards clearly perceived common objectives and that management is technically aware and responsive. He has demonstrated that he has the necessary leadership qualities to achieve these objectives. He views his overall management responsibilities to include:

- Articulating strategic objectives and mechanisms for their implementation.
- Monitoring and control of overall plans.
- Ensuring timely delivery of all scheduled milestones and deliverables.
- Organizing and chairing management board meetings.
- Professionalism research management on an institution-wide basis.
- Ensuring coordination and positioning both at national and international levels.

Part II

Education

- **Ph.D. in Computer Science and Engineering**

Software Technology Research laboratory

De Montfort University, United Kingdom, September 2013

Thesis title: Context Aware Drivers' Behaviour Detection System for VANET

Supervisors: Dr. Ali Al-Bayatti and Prof. H. Zedan

- **B.Sc. in Computer Engineering and Information Technology / Information Engineering**

Department of Computer Engineering and Information Technology

University of Technology, Iraq, August 2004

Part III

Employment

- 08/2016 to Present **University of North Texas at Dallas, Dallas, Texas.**
Assistant professor of Information Technology.
- 05/2016 to 08/2016 **Southern Arkansas University, Magnolia, Arkansas.**
Adjunct professor of Master in Computer and Information Science.
- 10/2013 to 01/2016 **Applied Science University, Kingdom of Bahrain.**
Head of Computer Science Department / Assistant professor.
- 08/2008 - 10/2013 **Applied Science University, Kingdom of Bahrain.**
Assistant Lecturer & Assistant Director of Registration and Admission Department.
(10/2010 - 09/2013: study leave to read for **PhD** at Software Technology Research Laboratory, De Montfort University, UK).
- 07/2006 - 08/2008 **Applied Science University, Kingdom of Bahrain.**
IT Manager.

Part IV

Teaching

Dr. Saif has a firm professional commitment to high quality teaching and syllabus and curriculum development. He gets a great deal of enjoyment from teaching people and always learns a lot from it himself. His interests and involvement in research directly contribute to his approach to his teaching commitment.

Courses and Teaching Development

- Software Engineering (at both the Graduate and Undergraduate level).
- Introduction to Computer Science I.
- Introduction to Computer Science II.
- Structured, Object-Oriented and Visual Programming.
- Distributed Systems.
- Databases.
- Computer Graphic Algorithms with Open GL (C++).
- Artificial Intelligence.
- Discrete Mathematics.
- Data communications and Computer Networks.
- Scientific research methods.
- Supervision of graduation projects.
- Computer skills (Microsoft office 2007).

Part V

Research

Publications

Journal Articles:

1. 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 2.243).
2. Saif Al-Sultan, Moath M. Al-Doori, Ali H. Al-Bayatti and H. Zedan. "A Comprehensive Survey on Vehicular Ad Hoc Network". Elsevier - Journal of Networking and Computer Applications. Pages 380-392, Volume 37, 2014. (Impact factor 2.331).
3. Saif Al-Sultan and Hussein Zedan (2015). "A Unifying Architecture Model for the Development of Context Aware Systems " (to be published).

Conferences:

1. 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.
2. Mussab Aswad and Saif Al-Sultan and 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.

Research Supervision

Dr. Saif has successfully supervised the following graduation projects:

- ASU Tour Guide Robot.
- Intelligent Parking System.
- RFID Based Students's Attendance System.
- A Moving ASU Guide Robot.
- Course Transfer Credit system.
- Kindergarten Mobile Application.
- Automated Students Advisor.

Part VI

Expertise and Awards

Technical Expertise

Development Skills in:

- Visual Studio.net 2013 (C++, C# and Visual Basic).
- Java programming language.
- Matlab (Fuzzy logic and neural networks tools).
- Latex (professional typesetting tools).
- Genie 2.0 (Artificial Intelligence tools).
- Microsoft Visio.

Technical Awards

Certificates in:

- Beginning to Teach in Higher Education (BTHE), De Montfort University, UK.
- Microsoft Certified System Engineer (MCSE), Microsoft.
- Microsoft Certified System Administrator (MCSA), Microsoft.
- International Computer Driving License (ICDL), ICDL GCC Foundation.

Professional Awards

Certificates in:

- Microsoft Certified Professional (MCP), Microsoft.
- Certified Trainer Professional (CTP), ICDL GCC Foundation.

Part VII

Miscellaneous Activities

Reviewer for

- Journal of Network and Computer Applications, Elsevier.
- IEEE Transactions on Vehicular Technology.
- Information Science Journal, Elsevier.
- Computer and Systems Science Journal, Elsevier.
- Accidents Analysis and Prevention, Elsevier.

Spoken Languages

- English.
- Arabic.