



Ahmed Al Maashri

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Education

Ph.D., Computer Science and Engineering, The Pennsylvania State University, USA, 2012
M.Infs., Information Systems, University of New South Wales, Australia, 2005
B.Eng., Electrical and Electronics Engineering, Sultan Qaboos University, Oman, 2002

Academic Experience

Sultan Qaboos University, Assistant Professor, (2012 - Present), full time
Sultan Qaboos University, Lecturer, (2005 - 2012), full time
Sultan Qaboos University, Demonstrator, (2002- 2005), full time

Non-Academic Experience

N/A

Certifications or Professional Registrations

N/A

Current Membership in Professional Organizations

The Institute of Electrical and Electronics Engineers (IEEE)
The IEEE Computer Society
The Association for Computing Machinery (ACM)
Member of the following IEEE Technical Communities: Cloud Computing, Green ICT, Internet of Things, Smart Grid Technical Community, Software Defined Networks

Honors and Awards

Best Teaching Award (May 2018, University day)

Service Activities

QoS Monitoring System for Mobile Networks in Oman, (Invited Talk by TRC in the 4th Annual Research Forum)
Augmented Reality, given as an activity within the 7th Technical Forum
How to Deliver an Effective Presentation, given to Final Year Students
The Long and Inevitable Road to FOSS Deployment in Oman: Opportunities, Challenges, and Caveats, Invited talk at the 3rd Free and Open Source Conference
Embedded Vision Systems: from FOSS to FPGA, delivered to a number of colleges and venues.

Selected Publications



- [1] Zahra Al-Abri, Ahmed Al Maashri, Dawood Al-Abri, Fahad Bait Shiginah, "Using SDN as a Technology Enabler for Distance Learning Applications", Indonesian Journal of Electrical Engineering and Informatics, Vol. 6, No. 2, pp. 225~234 (June 2018).
- [2] Medhat Awadalla, Ahmed Al Maashri, Lavanya Pathuri, Afaq Ahmad, "Customized Hardware Crypto Engine for Wireless Sensor Networks", Indonesian Journal of Electrical Engineering and Computer Science, Vol. 7, No. 1, pp. 263 – 275 (July 2017).
- [3] Al Maashri, Ahmed, Pathuri, Lavanya, Awadalla, Medhat, Ahmad, Afaq, AND Ould-Khaoua, Mohamed. "Optimized Hardware Crypto Engines for XTEA and SHA-512 for Wireless Sensor Nodes" Indian Journal of Science and Technology [Online], Volume 9 Number 29 (11 August 2016)
- [4] A. Ahmad, A. Al Maashri, "On Sequence Lengths of Some Special External Exclusive OR Type LFSR Structures – Study and Analysis On Sequence Lengths of Some Special External Exclusive OR Type LFSR Structures – Study and Analysis", The Journal of Engineering Research (TJER), Vol. 11, Issue 2, pp. 1-15, Dec 2014
- [5] Ahmad, A.; Al-Busaidi, S. S.; Al Maashri, A.; Awadalla, M.; Rizvi, M. A. K.; Mohanan, N., "Computing and Listing of Number of Possible m-Sequence Generators of Order n", Indian Journal of Science & Technology, Vol. 6 Issue 10, p5359-5369. 11p, Oct. 2013

Professional Development Activities

The First Interregional Standardization Forum for PKI and eTrust, Organized by ITA, 11-12 December 2017.

The 4th Annual Research Forum 2017, Organized by TRC, 10 December 2017.

The 6th Regional Cybersecurity Summit, 20-21 November 2017.

Blockchain Symposium, 6-9 November 2017.

Augmented reality Technology Workshop, Organized by Knowledge Oasis Oman, 26th April 2016.

The Intel Science and Technology Centers (ISTC) / Embedded Computing Conference, 2011.

The DARPA Nevision2 Conference (May 31, June 1, 2011) Arlington, VA.