



Tariq Jamil

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Education

Ph.D. Computer Engineering, Florida Institute of Technology (USA), 1996
M.S. Computer Engineering, Florida Institute of Technology (USA), 1992
B.S. (Hons) Electrical Engineering, NWFP Univ. of Eng. and Tech., 1989

Academic Experience

Sultan Qaboos University, Associate Professor, 2015-Present (Full-time)
Sultan Qaboos University, Assistant Professor, 2000-2015 (Full-time)
University of Tasmania (Australia), Lecturer, 1999-2000 (Full-time)
University of New South Wales (Australia), Lecturer, 1997-1998 (Full-time)

Non-Academic Experience

N/A

Certifications or Professional Registrations

Chartered Engineer (CEng) UK, 2000-Present
Professional Engineer (PE) Pakistan, 1989-Present

Current Membership in Professional Organizations

Fellow, Institution of Electrical and Electronics Engineers (Pakistan)
Senior Member, Institute of Electrical and Electronics Engineers (USA)
Member, Institution of Engineering and Technology (UK)
Member, International Association of Engineers (Hong Kong)
Member, Society for Industrial and Applied Mathematics (USA)

Honors and Awards

Distinguished Speaker in the IEEE Computer Society (USA) Distinguished Visitors Program (DVP), 2005-2007.
IEEE Computer Society/Upsilon Pi Epsilon Honor Society (USA) Award for Academic Excellence, 1996.
Best Graduate of the University (Gold-Medalist), 1989
Presidential Cash Award and Gold-Medalist for securing top position in the entire province of NWFP (Pak) in the Intermediate (Pre-Engineering) Exam, 1983.
Best Student of the Year, 1981 and 1983.

Service Activities

Member, SQU High Performance Computing Committee



Secretary, ECE Dept Board
Member, Final Year Project Committee/Accreditation/Postgraduate Studies and Research/Publications and Web/Strategic Planning
Timetabling Officer, ECE Dept.
External Examiner for various M.Sc. projects

Selected Publications

- 1- Tariq Jamil, "Design of a Real-time Interpreter for Arabic Sign Language," Proceedings of the IEEE SoutheastCon 2018, St. Petersburg, Florida (USA), 19-22 April 2018.
- 2- Tariq Jamil and Iftaquaruddin Mohammed, "Development of an Android-based Student Information System Application," Proceedings of the Future Technologies Conference, Vancouver, British Columbia (Canada), 29-30 November 2017, pp. 907-910.
- 3- Tariq Jamil, Medhat Awadalla, and Iftaquaruddin Mohammed, "Design and Implementation of a Complex Binary Adder," Medwell Journal of Engineering and Applied Sciences, ISSN: 1818-7803, Vol. 13, No. 7, 2018, pp. 1813-1828.
- 4- Tariq Jamil and Iftaquaruddin Mohammed, "Simulation of VICTOR Algorithm for Fault-Diagnosis of Digital Circuits," International Journal of Computer Theory and Engineering, ISSN: 1793-8201, Vol. 7, No. 2, April 2015, pp. 103-107.
- 5- Tariq Jamil, (Book) Complex Binary Number System - Algorithms and Circuits, ISBN: 978-81-322-0853-2, Springer-Verlag GmbH (Germany), 2012.

Professional Development Activities

Presented an invited talk entitled "Artificial Brain – How to Make It?" at the 10th IEEE International Conference on Open Source Systems and Technologies (ICOSST 2016), held at University of Engineering and Technology, Lahore (Pakistan) during 15-17 December 2016.

Presented an invited tutorial entitled "Complex Binary Number System" at the IEEE SoutheastCon 2016, held in Norfolk, Virginia (USA) during 30 March-April 3, 2016.

Serving as a Registered Mentor of the Institute of Electrical and Electronics Engineers (IEEE, USA) since 2013, and of the Institution of Engineering and Technology (IET, UK) since 2011.