



Nabil Mohammed Abdulrazzaq AlBastaki

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1. **Academic Rank:** Assistant Professor
2. **Degrees:**

Field	Institution	Date
<i>Ph.D.</i> Computer Engineering	University of Southern California, USA	2001
<i>M.Eng.</i> Electrical Engineering	Cornell University, Ithaca, New York, USA	1993
<i>B.Sc.</i> Computer Engineering	University of Arizona, USA	1989
3. **Number of Years of Service on Faculty of Engineering at UAE University:** 23

Assistant Professor	2001- Present
Teaching Assistant	1990-2000
4. **Administrative Duties:**
 - Assistant Dean for Student Affairs Sep. 2013 - Present
 - Head of Industrial Training and Graduation Projects Unit, College of Engineering February 2005- July 2011
 - Board member of Emirates Science Club 2003 – Present
2012 – Present
5. **Other Related Experience:**

Special Entry Graduate	Dubai Aluminum Company	August 1989- February 1990
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6. **Conferences, Research and other activities**

Date
Nov. - 2004
Jan. - 2005
February and September - 2005
2009
2009
2010

 - Attended, as a UAE delegation member, the 13th and 14th meetings of the Arab Working Group that were held in Syria and Egypt, respectively
 - Member of the national committee on information society headed by the minister of communications his Excellency Sultan Al-Mansoori to participate in the preparation for World Summit on Information Society in 2005
 - Attended IEEE International Conference on Robotics and Automation
 - Attended RoboCup Symposium and Competition, Graz – Austria
 - Attended RoboCup Symposium and Competition, Singapore

7. Principal Publications:

- 1) Yousef, Basem F., **Nabil Bastaki**, et al. "In-Pipe Inspection robot", 15th International Conference on Climbing and Walking Robots (CLAWAR), Johns Hopkins University, Maryland, USA, July 2012
- 2) **Nabil Bastaki**, A. M. Gaouda, A. H. El-Hag and S. H. Jayaram, "Condition Monitoring of Pulsed Electric Field Food Processing Systems," Insight – Non-Destructive Testing and Condition Monitoring is the Journal of The British Institute of Non-Destructive Testing, 2012.
- 3) **Nabil Abdulrazzaq** and Sandeep K. Gupta, "Test Generation for Path-Delay Faults in One-Dimensional Iterative Logic Arrays," Proceedings of 2000 IEEE International Test Conference.
- 4) **Nabil Abdulrazzaq** and Sandeep K. Gupta, "Path-Delay Fault Simulation for Circuits with Large Numbers of Paths for Very Large Test Sets," IEEE 2003 VLSI Test Symposium.

8. Membership of Scientific and Professional Societies:

Date

- The Institute of Electrical and Electronic Engineers (IEEE), Student Member 1994-2000
- The Institute of Electrical and Electronic Engineers (IEEE), Member 2002 - Present

9. Honors and Awards

Date

- Certificates of Appreciation for participating as a referee in the student competition during IEEE Student (An annual event) 2009 - 2013
- Certificate of Appreciation for participating as a referee in the student competition during 3rd IEEE Student Day 2008
- Certificates of Appreciation for participating in Shaikha Latifa Bint Mohamed Award for Child Creativity (An annual event) (2003 - 2013)
- Sheikh Rashid's Award for Scientific Excellence 2001
- Certificate of Achievement, Embassy of the UAE – Washington D.C. 1998
- Certificate of Achievement, Embassy of the UAE – Washington D.C. 1997
- Sheikh Rashid's Award for Scientific Excellence 1993

10. Supervision and Advising of student projects**Date**

Test Generation and Fault Simulation of Digital Circuits	2001 - 2002
The Smart House	2004 - 2005
Design of a Central Processing Unit (CPU)	2006 - 2007
A Universal Remote Control with a Digital Timer	2007 - 2008
Pipe Inspection Robot (international Design Project)	2008 - 2009
Reducing RoboCup-Robot PCB Complexity Using Embedded Soft/Hard Processor Core (Master of Science Project)	2011
Design and Build of a Robot Pet	2012 - 2013

11. Institutional and Professional Service:

- Head of Industrial Training & Graduation Projects Unit
- Member of UAE delegation to participate in the preparatory committee for the World Summit on Information Society (WSIS 2005)
- Electrical Engineering Research Committee (member)
- Faculty of Medicine and Health Sciences IT Committee (member)
- College Computer Committee (member)
- Visiting Advisor for Industrial Trainees
- New Faculty Selection Committee (computer)
- Academic Integration Network (www.ain.ae) Advisor
- College Curriculum Committee (member)
- Academic Advisor for 2001 and 2006 male students and 2009 and 2011 female students. Until September 2013.

12. Courses Taught

- Computer Algorithms and Programming
- Digital Logic Design
- Digital Logic Design Lab
- Computer Organization
- Microprocessors
- Microprocessor Based Systems
- Introduction to Programming (College Requirement Unit, 1st year Engineering course)
- Embedded Systems Design
- Special Topics in Computer Engineering
- Digital System Design II (College of IT)
- Electromechanical Devices
- Contemporary Digital Systems (Graduate Level)