

RAED ALQADI

An-Najah National University
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EDUCATION

Ph.D., Electrical and Computer Engineering

University of Wisconsin-Madison, May 1995
Major in Computer Engineering
Thesis: Synthesis of Application-Specific Real-Time Computer Systems
Minor in Computer Sciences
Graduated with Highest Distinction

M.S., Electrical and Computer Engineering

University of Wisconsin-Madison, December 1990
Graduated with Highest Distinction

B.S., Electrical Engineering

University of Jordan-Jordan, May 1986
Electrical Engineering (Communications and Electronics)
Graduated with Highest Distinction

PUBLICATIONS

- “Analysis of Resource Lower Bounds in Real-Time Applications”, (with P.Ramanathan) *Proceedings of IEEE International Conference on Distributed Computing Systems, 1995*
- “Distributed Synthesis of Real-Time Computer Systems”, (with P.Ramanathan and Abu-Alsamid) *Proceedings of IEEE Real-Time technology And Application Symposium, May 1995.*
- “Architectural Synthesis of Mission-Critical Computing Systems”, (with P.Ramanathan) *Proceedings of Complex Systems Engineering Synthesis and Assessment Technology Workshop, July 1993.*
- “An-Educational Processor- Design Approach”. *An-Najah Scientific Journal-2007.*
- “An-Efficient Approach for Building Computer Design Labs in Developing countries”, *Asian Journal for IT -2007.*
- “An Efficient Parallel Algorithm for Solving Large Power Networks”, *IAJIT Journal-2007/October.*

EXPERIENCE

President Assistant for IT affairs, February 2007 - Present
An-Najah National University

Dean of Information Technology, September 2003 -2005
An-Najah National University

Dean of Information Technology, September 2008 -
An-Najah National University

Dean of Information Technology, September 2003 -2005
An-Najah National University

Head of the Electrical and Computer Engineering Departments,
September 99- 2003
An-Najah National University

Assistant Professor, September 95- Present
Department of Electrical Engineering
An-Najah National University

Hardware and Software Consultant
Worked as a consultant for many projects.

Software Engineer May 93 - July 95
Temperature Control Specialties (TCS), Madison-USA
Designed and Developed a Microsoft Windows software package for controlling a network of HVAC controllers

Research Assistant, September 92- May 95
Department of Electrical and Computer Engineering, University of Wisconsin-Madison

- Conducted research in the area of real-time systems
- Developed CAD synthesis tools for distributed real-time systems
- Designed and developed simulators for the CAD tools with X-Windows interface

Teaching Assistant, September 91- May 94
Department of Electrical and Computer Engineering, University of Wisconsin-Madison

- Conducted discussion and laboratory sessions
- Guided and coordinated students working in group projects

Electronics and Communications Instructor, September 86- May 88
Hebron Technical Engineering College (HTEC), Hebron, West-Bank

ADDITIONAL INFORMATION

- Designed and Supervised An-Najah e-Learning Management System (Online Course Center).
- Designed and Implemented currently operated web-based Dynamic Applications for Companies in the USA.
- Extensive programming experience using: C++, Java, PHP, JavaScript, Servlets, JSP pages, Network Programming, and Mobile Programming. Developed Commercial Software Packages.
- Extensive hardware experience in Microprocessor and Micro-controller controlled systems with different types of sensor applications. Developed Commercial Superstats and HVAC controllers.
- Extensive laboratory experience in designing and building both analog and digital. Designed Kits and Developed Software tools used by students at An-Najah Labs.
- Knowledge in most operating systems.