

Dr. RaedAlqadi

Computer Engineering Department, An-Najah National University, Nablus, Palestine
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CURRENT POSITION

Staff Member of Computer Engineering Department, An- Najah National University.

EDUCATION

Ph.D., 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

WORK EXPERIENCE

Dean of Information Technology, September 2008 - 2012

An-NajahNationalUniversity

President Assistant for Information Technology, February 2007 - 2010

An-NajahNationalUniversity

Dean of Information Technology, September 2003 -2005

An-NajahNationalUniversity

Dean of Information Technology, Septemer 2003 -2005

An-NajahNationalUniversity

Head of the Electrical and Computer Engineering Departments,

September 99- 2003

An-NajahNationalUniversity

Computer Engineering Staff Member, September 95- Present

Department of Electrical Engineering

An-NajahNational University

Software and Hardware Consultant1996 - current

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 CAREER EXPERIENCE -

- Designed and Supervised the Implementation An-Najah e-Learning Management System (Online Course Centre, OCC1 and OCC2).
- Supervised the design and implementation of SCORM compliant e-Learning Authoring Tool.
- Designed and Implemented currently operated web-based Dynamic Applications for Companies
- 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 Super-stats, and HVAC controllers.
- Developed Mobile Application for remote control of HVAC applications that can be operated on most mobile phones using Waba&Superwaba (java-like platform).
- Extensive laboratory experience in designing and building both analog and digital. Designed Kits and Developed Software tools used by students at An-Najah Labs.
- Supervised the Implementation of the Content-driven An-Najah Website.
- Founded the Computer Engineering Department and the Previous Computer Engineering Branch in Electrical Engineering. Also Cofounded the IT college.

SOCIAL AND ORGANIZATIONAL SKILLS

- Good Organizational skill since I chaired many committees and held several management positions

COMPUTER SKILLS

- Experienced in most Operating Systems
- Extensive Software and hardware Experience Design and Implementation.

TRAINING

- Training in SCORM development in London 2009
- I held several Training sessions on e-Learning
- Trained in Summer OSLO 1985 in OSLO Electrical Company

AWARDS

- **Fulldoctoral scholarship** from University of Wisconsin Madison
 - **Jordan Ministry of Higher Education:** Electrical Engineering at Jordan University
 - **IASTE project :** Grant from EU 2000-2003
 - **Arena Project:** Grant from Anera 2007
 - **QUIF SCORM project :** 2008/2010
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COURSES TAUGHT:

I founded the Computer Engineering Department and taught most of the courses.

I founded the Computer Branch in the Electrical Engineering 1996-2000.

Taught Courses in the following Areas:

Computer Architecture, Computer Programming, Computer Networks, Microprocessor, Microcontrollers, Web-Programming, Digital Design, Communications, Object Oriented Programming, Data Structures, Computer Interfacing, Graduation Projects.

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.*
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REFERENCES

Available upon request
