LUAI M. MALHIS

Department of Computer Engineering, An-Najah National University. Nablus, Palestine

Email: malhis@najah.edu

CURRENT POSITION

Assistant Professor Computer engineering department, sep 2012 - present

EDUCATION

UNIVERSITY OF ARIZONA Tucson, AZ
Doctor of Philosophy, Electrical and Computer Engineering, January 1996, GPA 3.71/4.0, Research emphasis in steady-state analysis of Markov chains, performance modeling and evaluation of communication and database systems using analytic and simulation techniques.

UNIVERSITY OF ARIZONATucson, AZ
Master of Science, Electrical Engineering, May 1990, GPA 3.88/4.0, Research emphasis in software development for digital signal and image processing applications.

UNIVERSITY OF ARIZONA Tucson, AZ
Bachelor of Science; Computer Engineering, December 1987, GPA 3.65/4.0

WORK EXPERIENCE

9/2012 - 97 ***Assistant Professor Computer engineering department***
Teaching introductory and advanced courses in the computer engneering field, courses include: software design and development, Digital logic , computer architecture, and operating systems.

1/2003-9/2012 ***Chairman of the computer engineering department***
Responsible for making schedule of classes offered at the computer engineering department. Working on improving computing laboratories, helping resolve student-teacher issues, and being directly involved in matters concerning the college of engineering .

1/2002-12/2006 ***Director of the information technology unit at an-najah national university*****.**
This unit is responsible for conducting advanced training in several information technology related fields. Managing ICDL Program.

10/97-9/2000 ***Chairman of the ComputerScienceDepartment***
In addition to teaching courses in hardware and software development, I accepted an administrative position as the head of computer science department. Responsibilities entail but not limited to conducting departmental meetings assigning teaching loads, improving computing laboratories, helping resolve student-teacher issues, and being directly involved in matters concerning the college of science .

1/95 - 1/96 UNIVERSITY OF ILLINOISUrbana, IL
Research Associate
Developed an iterative method for the solution of large Markov chains arising from the analysis of deterministic and stochastic Petri net models. Method requires only 10 percent of memory storage and achieves twice the speedup when compared with other iterative methods

1/94-12/94 IBM CORPORATION Tucson, AZ
Performance Evaluation Specialist
Developed and evaluated parallel algorithms for tape recycling process in a database system under development. Built stochastic models to evaluate the performance of the proposed algorithms. Designed a program that automatically generated workload for the models . Modeled various design alternatives and provided the designers feedback on the relative performance of the different designs.

1/93-12/93 UNIVERSITY OF ARIZONATucson, AZ
Research Assistant
Constructed stochastic models for the performance evaluation of the Psync group communication protocol. Psync supports reliable exchange of messages among a collection of processes. Evaluated protocol performance for different work environments and suggested improvements**.**

1/91-12/92 UNIVERSITY OF ARIZONATucson, AZ
Research Assistant
Dependability modeling of parallel distributed systems. Measured the reliability and availability of different system configurations. Developed simulation models for the performance evaluation of Object Access of an IBM's object storage and management system.

1/89 -5/90 UNIVERSITY OF ARIZONATucson, AZ
Research Assistant
Designed image processing algorithms for detection and classification of defects in VLSI circuits.

AWARDS

University of Arizona, International Student Scholarship, 1985-1990.
University of Arizona, Dean's List, college of Engineering 1985, 1987.
Tau Beta Pi, Engineering Honor Society

COURSES TAUGHT:

- C programming language
- Digital Logic Design
- Data structures
- Operating systems
- Computer Networks
- Computer Architecture
-

PUBLICATIONS

- *R. A. Alqadi and L. M. Malhis An Educational Processor: An-najah university journal for research-A volume 20 Dec. 2006.*
- *R. A. Alqadi and L. M. Malhis A Systematic Approach for Building Processors in a Computer Design Lab Course at Universities in Developing Countries. International journal of Information technology*2007.

REFERENCES

Available upon reques