

Albalqa Applied university
Curriculum Vitae

1. Date : 30/9/2007

PERSONAL

2. Name: **ZIAD A.A. ALQADI**
3. Home Phone: 5525485
4. Office Phone: 0795519311
5. Home address: Jordan Amman P.O.Box 961268
6. Current Academic Rank: Associate Prof.
7. Primary Department: Faculty of engineering technology
8. Citizenship: Jordanian

HIGHER EDUCATION

9. Institutional (institution :Kiev Polytechnic institute ; degree: PhD in computer engineering; date conferred : 19/5/1986):

EXPERIENCE

10. Academic (institutions: Jordan university, Israa university; rank/status : lecturer; dates 1990-1995):

Assistant Prof. from 1992- 2005. (Faculty of Engineering Technology).

Associate Prof. from 2005-. (Faculty of Engineering Technology).

Dean Assistant for Consultation and Training (2000-2001)

Head of Computer Engineering Department (2002-2005).

11. Non-academic (employers :Ministry of education ; title : Engineer / programmer; responsibilities: Application programs design, system support , DBMS; dates : 1980-1982): (MOE: Consultant of computerization, General director of computer center responsibilities: Project design and management: ECBL project, internet application project, networking project, interactive educational packages date: 1995-2001)

PUBLICATIONS

12. Books and monographs published:

More than 30 books in the fields of computer engineering and computer science published in Jordan in both Arabic and English languages in the following fields:

- Computer languages: Basic, Q-basic, Fortran, Cobol, Logo, Pascal, C++, Assembly, Java, computer skills, object oriented programming.
- Computer software: Operation research, Data structures and algorithms, Operating systems, Database management system, Artificial intelligence and neural networks, System analysis and design.
- Computer Hardware: Logic design, Computer architecture, Microprocessors, Computer interfacing, Digital control, Computer networking.

JURIED OR REFEREED JOURNAL ARTICLE AND EXHIBITIONS:

- Improving Cache Memory Performance
 - New Search Algorithm for Associative Memory
 - On line Recognition of Arabic Numerals
 - The Use of Learning Networks in the Recognition of Arabic Numerals
 - Analysis of image Smoothing Algorithms
 - An Easy Tool for Converting Existing WEB Sites to WAP Sites.
 - Enhanced Fingerprint Prepossessing and Matching Algorithm
 - Formal Transformation in Pipeline Systems
 - Comparison of LZW, Huffman, LZW and HLZ Algorithms of Data Compression.
 - Matrix multiplication optimization.
13. Workshops, seminars, and training courses:
- Hardware maintenance of optical mark reader : WH Company USA
1981
 - HP9000 support and maintenance : WH company USA 1982
 - System design and analysis : NCR , USA, 1980
 - Project management : NCR , USA , 1980
 - Creating a new ICT Spirit in Jordan Through Education. Workshop,
Amir Program , Amman , 2000.

- Optimizing opportunities for ICT human resource development in the Hashemite Kingdom of Jordan : Workshop , TUDEFT University, Netherlands, 2000.
- Computer networks and security : Workshop and seminar, Japan, Mitsoi, 1996.
- E-lab and virtual learning : Italy 1999.
- 6 workshops in UK (England) during 1995-2000: ICT, ECBL, Interactive educational software, utilizing internet in education, distant learning.

TEACHING

14. Teaching Specialization (courses taught):

Logic design, microprocessors, computer interfacing, digital control, computer architecture, data structures and algorithms, operating systems, DBMS, computer networks, software engineering, Computer languages (assembly, C++, Object oriented programming, Fortran, Basic, Cobol, Pascal), System analysis and design, Operation research, Artificial intelligence, image processing and neural networks.

Thesis and Dissertation Advising/Master degree student supervision (18 students, field :IT).

Graduation projects (software and hardware engineering) supervision: more than 150 projects

SERVICE

15. University Committee and Administrative Responsibilities: Several technical, educational , supervision committees in Albalqa applied university
16. Community Activities: several technical and advisory committees.