

NIZAR M. Awartani

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Education:

Ph.D. In Computer Science
Lehigh University, Bethlehem, Pennsylvania 1986
M.S. In Computing Science
Lehigh University, Bethlehem, Pennsylvania 1981
B.Sc. In Mathematics
University of Jordan, Amman, Jordan, 1977

Professional Experience:

**An-Najah University
Info. Tech. Institute of
Excellence
2006-present:**

Director of Information Technology Institute of Excellence.

- Established up-to-date center that provides IT training in addition to being an IT base for research and development.
- Proposed and directed a multimedia training project for in-service school teachers to enhance their teaching capabilities. The project was sponsored by ANERA and implemented by educational and IT professionals.
- Team member in the (SPEP) project funded by the Italian government. It aims at supporting the Palestinian education in high schools.
- Steering committee member and representative of An-Najah University in a project funded by the Quality Improvement Fund (QIF) from the World Bank through the ministry of higher education. The project aims at developing a learning innovation team (LIT) in a three local universities. After completing the project the experience will be disseminated to other universities and high schools.
- Maintained academic link with the IT College by teaching several courses.

**An-Najah University
1994-2006**

Assistant Professor in computer science.

- Chaired and established the department.
- Taught computer science courses such as: compilers, computer graphics, data structures, special topics in automata theory, algorithms, discrete mathematics, multimedia, and programming.
- Supervised graduation projects implemented by senior students.
- Conducted training programs in IT.
- Introduced and implemented the electronic mail system at the

- university.
 - Represented the university in several committees such as the Council of Higher Education Telecommunications Committee.
 - Board of advisors for PASNET committee.
 - Co developed a pilot multimedia courseware for civil engineering students.
 - Selected to chair the department of computer science in addition to the computer information systems department since Sep. 2003.
- Universal Group
2004-2005:** Information Technology Consultant on “PHYSICAL DAMAGE UPDATING FOR WEST BANK AND GAZA” project. Worked on gathering, storing and analyzing information about physical damage due to Israeli incursion. Designed reports from the database.
- Zaytona Soft
1996-2004:** Co-Founder and President/CEO of Zaytona Soft company to provide services related to Information Technology and Internet.
- Provided consultations in Networks to:
 - The Ministry of Planning,
 - Al-Ayyam newspaper, and
 - Center for Palestinian Research and Studies.
 - Zaytona Soft was the first Internet Service Provider in Palestine.
 - Worked in house solution to our network problems such as concurrent user login on the access servers.
 - Supervised the design of several websites for local and international businesses.
 - Managed the information systems for Zaytona soft and its clients, the systems involve: Network management, prepaid and postpaid subscribers database system, web servers, mail servers.
- Alquds University,
1986-1993** Assistant Professor in Computer science.
- Chaired the department (1991-1993).
 - Taught computer science courses such as: compilers, computer graphics, data structures, special topics in computer security and cryptography, algorithms, discrete mathematics, multimedia, and programming.
 - Supervised senior students’ graduation projects.
 - Assisted the Hebron Polytechnic University to initiate the computer systems engineering program that leads to a BS degree.
- Alquds University,
1983-1984** Head department of computer science. Established the first computer science department in Palestine.
- Kuwait University,
1981-1983** Professor assistant in computer science.
- AJAF School,
77-78** Taught mathematics courses in the Royal Jordan Air Force School.

Professional Training

Attended and conducted several professional training courses such as UNIX, NT, Data Base Systems.

KOICA Institution

Attend a study visit to South Korea June 2005 in preparation of establishment of an IT center of excellence funded by KOICA. The study focused on new IT technology trends such as ubiquitous computing

Attend a study visit to South Korea September 2006. Led a technical team in preparation of administrating the IT center of excellence funded by KOICA. The study focused on training best practices. Setting up procedures and forms in order to technically run the IT center.

Awards:

Fullbright Scholarship 93-94

Research scholar, The George Washington University. Conducted research on Multimedia. Developed the expertise needed to establish and commercialize the Internet Service in Palestine.

AMDEAST Scholarship 84-86

Obtained my Ph.D. degree in computer science from Lehigh University with a specialization on program semantics.

Publications:

1. "Towards the Representation of LISP semantics". Ph.D. dissertation '86, Lehigh University.
2. "The Development of Computer Systems Engineering program in the West Bank" with A. D. Abdallah, proceeding of the MELCON'91 Mediterranean Electronically Conference, Liublina, Yugoslavia. 1991
3. A multimedia courseware for teaching civil engineers transportation course. 2001
4. Interdisciplinary Multimedia BS Program. A accepted paper. International digital media conference in Egypt. 2005
5. The Software Industry: problems and solutions. The Palestinian Conference for Development and Reconstruction in the West Bank. 2006