



## Curriculum Vitae

Name Raad Alwan

Office Tel. (+ 962 - 6- 479900 ) / )ext(507)

Mobile (962 - 777426528)

P. O. Box (1)Philadelphia, 19392- Amman – Jordan:  
[ralwan@philadelphia.edu.jo](mailto:ralwan@philadelphia.edu.jo) / [alwan\\_raad@yahoo.com](mailto:alwan_raad@yahoo.com).

### Personal Data :

### Education:

- Ph.D. in Computer Science Trinity College, Dublin. 1990.
- M. Sc. in Computer Science, University College, Dublin. 1980.
- B.Sc. Statistics, Baghdad University, Iraq, 1976.

### Experience:

1999 – Present: Associate Prof., Philadelphia University

1996-1999: Associate Prof. - Dept. of Computer Sc., University of Babylon-Iraq.

1990 -1996: Assistant Prof., Dept. of Computer Science, University of Technology-Iraq.

1983 -1986: Lecturer, Dept. of Computer Sc., University of Technology-Iraq.

### Publications :

1. Baydaa T. Al-Hamadani, Raad F. Alwan, Joan Lu, Jim Yip, Vague Content and Structure (VCAS) Retrieval for XML Electronic Healthcare Records (EHR), Proceeding of the 2009 International Conference on Internet Computing, USA, P: 241-246, 2009.
2. Baydaa T. Rashid, Raad F. Alwan, Joan Lu, Jim Yip, Recent Development in XML-IR, proceeding of the School of Computing and Engineering Annual Researchers' Conference, University of Huddersfield, UK, P: 106-109, 2008.
3. Image Compression System using linear Quadtree, Journal of Babylon University, Vol. 6, No. 3, 2000.
4. VOIDDIS: An Expert System in Medical Diagnosis (Urology/Vodin Disorder), Journal of Babylon University, Vol.6, No. 3, 2000.
5. Logic Circuit Verification Using Neural networks, Journal of Engineering & Technology, 1996.
6. Design a Diagnosis system for Misconcepts in Pascal language, Journal of Computer Researches, 1995.
7. Design an Application of Knowledge Based System, Journal of Computer Researches, 1995.
8. Using a set theory as CHDL on a logical level, Journal of Engineering & Technology, 1995.

9. An Intelligent Computer Aided Learning (ICAL) System, Journal of Computer Science, 1994.

### **Books**

1. Solved Problem in FORTRAN IV: Co-author, Baghdad 1993.
2. Design and Analysis of Algorithms (Arabic version- under publication)

### **Conferences, Symposiums, Seminars & Workshops:**

1. Baydaa T. Al-Hamadani, Raad F. Alwan, Joan Lu, XQPoint: A Queriable Homomorphic XML Compressor, Accepted at IEEE: Innovation'09: December 15-17, 2009, UAE.

A workshop organized by the League of Arab States, Advanced Computing Researches Center, Libya, 1993, titled, "New Trend in AI".

### **Consultation, and Training Activities:**

- Project undertaken with Kindle Systems Limited, Dublin, Titled" Arabic Translation Interpretation of Banking Software"1989-1990.

### **Cultural, and Academic activities**

- Member of a Quality Assurance Committee, Philadelphia University.
- Member of the Scientific Research Committee, Philadelphia University.
- Member of the Iraqi Computer Science Association.

### **Awards & Merits:**

1. Quality Assurance Recognition Award in Computer Science from Al-Hussein Funding for Excellence as a member of the higher committee.
2. Quality Assurance Recognition Award in Law from Al-Hussein Funding for Excellence as a member of the higher committee.