

Curriculum Vitae



Dr. MOHAMMAD MUSTAFA TAYE

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PERSONAL INFORMATION

First name and Surname: *Mohammad Mustafa Taye*

Date and Place of Birth: *January 21, 1980, Irbid, Jordan*

Institution: *Philadelphia University, Faculty of Information Technology, Jordan*

Academic rank: *Assistant Professor*

Research Areas:

- Semantic Web
- Ontology Alignment & Matching
- Web Service
- Networks
- Software Testing

Education

Oct /2006- **PhD in Computer Science**
May/ 2009 My research topic is “Ontology Alignment Mechanisms for Improving Web-based Searching”.
De Montfort University , Leicester, UK

Oct/2002 – **MSc in Computer Science**
Oct/ 2004 Amman Arab University For Graduate Study, Amman, Jordan

Oct/1998 – **BSc in Computer Science**
June/ 2002 Irbid National University, Irbid, Jordan

Employment

- 09/2009 – Present Assistant Professor at Philadelphia University/ Faculty of Information Technology.
- 11/2007- 04/2009 Bank Lab Monitor at De Montfort University, Leicester, UK.
- 05/2008- 07/2008 Teacher assistant for MSc in Software Engineering at De Montfort University, Leicester, UK.
- 03/2009 -06/ 2009 Teacher assistant for MSc in Software Engineering at De Montfort University, Leicester, UK.

SKILLS AND ABILITIES

OBJECTIVES: My desire is to develop a career in science and technology or education and possibly in an international reputed University or research center in my homeland or in foreign countries.

PERSONAL PROFILE: Energetic, Friendly, and loyal. I am optimistic, have a good sense of humour and get on easily with people of all ages. Living independently for the last four years has made me more organised and considerate. It's given me an interest in making things look good and work properly.

INDIVIDUALITY

- Willing to hard work for a prospective future and goal.
- Responsible to duties.
- Well organized and able to work on multiple tasks at once.
- Feel energetic dealing with new problems.
- Enjoy being part of a team both in employment and for academic work.

SPECIAL SKILLS

- Software Packages: Protégé, Smart Draw, Web Design.
- Professional Software: MS Office Suit, Adobe Photoshop.
- Operating System: Linux, Windows.

Courses and Training Activities

1. Project Management Professional (**PMP**).
2. Intellectual Property Right and Ethics.
3. Planning and Managing Research.
4. Research Ethics: CSE.
5. Introduction To NVivo for Qualitative Data Analysis.

INTERESTS

- Travel
- Driving cars
- Languages
- Swimming
- Going out with friends
- Football

RESEARCH AND PUBLICATION

Journal

- 1) **Mohammad Taye**, “*Web-Based Ontology Languages and its Based Description Logics*”. The International Journal of ACM Jordan (The Research Bulletin of Jordan ACM), ISSN: 2078-7952, Volume II (I), March 2011.
- 2) **Mohammad Taye**, “*State-of-the-Art: Ontology Matching Techniques and Ontology Mapping Systems*”, The International Journal of ACM Jordan (ISSN 2078-7952), Vol. 1, No. 3, September 2010
- 3) **Mohammad Taye**, “*Understanding Semantic Web and Ontologies: Theory and Applications*”, Journal of Computing, Vol. 2, No. 6, June 2010, NY, USA, ISSN 2151-9617.
- 4) **Mohammad Taye**, “*The State of the Art: Ontology Web-Based Languages: XML Based*”, Journal of Computing, Vol. 2, No. 6, June 2010, NY, USA, ISSN 2151-9617.

Conferences, Symposiums, Seminars & Workshops

- 1) **Mohammad Taye**, Nasser Alalwan, “*Ontology Alignment Technique for Improving Semantic Integration*”, The Fourth International Conference on Advances in Semantic Processing, SEMAPRO 2010, October 2010 - Florence, Italy.
- 2) **Mohammad Taye**, “*Ontology Alignment Mechanisms for Improving Web-Based Searching*”, STRL/DMU, November 2007

Cultural, and Academic activities

- Member of many department and Faculty committees.
- Different activities with the local society

External Examiner:

- 1- External examiner for Master in Computer Science (Building a speech Synthesis for Arabic Language), Al-Balqa 'Applied University, 2012 (Supervisor Dr. Hasan Al-Serhan).

Internal Examiner: At Philadelphia University

Teaching Experience

1. Semantic Web.
2. Introduction to Computer Networking
 - Networking Fundamentals
3. Object Oriented Paradigm (OOP) C# :
 - Windows Applications.
 - Console Applications.
4. Software Requirements.
5. Software Testing:
 - Validation and Verification
6. Graphical User Interface (GUI)
7. Software Architectures
8. Introduction to Software Engineering.
9. Software Production
10. Final Year Projects