CURRICULUM VITEA

SAMIR TARTIR

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EDUCATION

January/2004 – Present — Ph.D. in Computer Science
University of Georgia
Athens, Georgia, USA

Advisor: Dr. I. Budak Arpinar

September/1999 – August/2002 — M.S. in Computer Science
University of Jordan
Amman, Jordan

Thesis: "*Data Migration from Relational Databases into Multidimensional Databases*".

Advisors: Dr. Riad Jabri and Dr. Munib Qutaishat

September/1994 – June/1998 — B.Sc. in Computer Science
University of Jordan
Amman, Jordan

WORK EXPERIENCE:

August/2004 – Present — **Research Assistant / Instructor**
LSDIS Lab, Computer Science Department, UGA – Athens, GA, USA
http://lsdis.cs.uga.edu

Member of SEMDIS, an NSF-ITR funded project "Semantic Discovery: Discovering Complex Relationships in the Semantic Web". Research focus on defining and representing meaningful and interesting relationships (called: semantic associations) between entities in RDF graphs. It includes creation of algorithms for discovering informative paths, indexing and querying of complex semantic relationships, as well as ranking association results in terms of relevance to the context of the query. As a part of the SEMDIS project, I am working on the following:

- Conducting research on the problem of interpreting natural language questions using ontologies and extracting their answers from web documents and local relational and semantic databases.
- I designed the OntoQA framework that focuses on the analysis and summarization of ontologies to be able to understand their contents without the need to view complex RDF or OWL files. To date, our original OntoQA publication (published in November 2005) has been cited more than 22 times. The OntoQA framework was enhanced to include the capabilities to rank ontologies based on keywords and ontology features that the user specifies.
- I have also designed the SemanticQA framework that utilizes ontological knowledge to answer user questions presented in natural English by extracting