

Vahed Qazvinian

CONTACT INFORMATION

Department of EECS
University of Michigan
Computer Science and Engineering
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RESEARCH INTERESTS

Graph Mining, Machine Learning, Graph-Based Computational Linguistics.

EDUCATION

University of Michigan, Ann Arbor,

Ph.D., Electrical Engineering and Computer Science (Expected Graduation Date: August 2012)

- Advisor: Professor Dragomir R. Radev
- Area of Study: Intelligent Systems, Natural Language Analysis.

M.S., Electrical Engineering and Computer Science, April 2009

- Advisor: Professor Dragomir R. Radev
- Area of Study: Intelligent Systems, Natural Language Analysis.

Sharif University of Technology, Tehran, Iran,

B.S., Computer Engineering, July 2007

- (Software Discipline)
- Advisor: Professor Hassan Abolhassani
- Area of Study: Information Retrieval, Ontology Alignment Extraction.

AWARDS

- 130th in national university entrance exam among over 350,000 applicants.
- Admitted to National Organization for Development of Exceptional Talents (NODET), 1996, 1999.

RESEARCH EXPERIENCE

Research Assistant, University of Michigan **September 2007 to present**
Involved Projects:

- iOpener, Scientific topic summarization.
- Blogcenter, Blog analysis.

Researcher, Center for Advanced Research, **Summer 2008**
PricewaterhouseCoopers.

Founder and Researcher, BlogScience Research Group. **2006–2007**
Blogspace Mining, Network analysis.

Research Assistant, Sharif University of Technology **January 2006 to July 2007**
Involved Projects:

- Evolutionary, coincidence based ontology alignment extraction.

PUBLICATIONS

Submitted Papers

- **Vahed Qazvinian**, Dragomir Radev. Submodular Summarization of Multi-agent Scientific Discourse. *submitted*

Published Papers

- Dragomir R. Radev, Pradeep Muthukrishnan, **Vahed Qazvinian**, The ACL Anthology Network Corpus. *ACL workshop on Natural Language Processing and Information Retrieval for Digital Libraries, Singapore, 2009*
- Aleks Aris, Ben Shneiderman, **Vahed Qazvinian**, Dragomir Radev. Visual Overviews for Discovering Key Documents and Influences Across Research Fronts. *In Journal of the American Society for Information Science and Technology (JASIST)*.
- **Vahed Qazvinian**, Dragomir Radev. The Evolution of Scientific Title Networks. *In proceedings of AAAI conference on Weblogs and Social Media, ICWSM 2009*.
- Saif Mohammad, Bonnie Dorr, Melissa Egan, Ahmed Hassan, Pradeep Muthukrishnan, **Vahed Qazvinian**, Dragomir Radev, David Zajic. Using Citations to Generate Surveys of Scientific Paradigms. *In Proceedings of the North American Chapter of ACL. (NAACL'09)*
- **Vahed Qazvinian**, Dragomir Radev. Scientific Paper Summarization Using Citation Summary Networks. *International Conference on Computational Linguistics (COLING 2008)*.
- **Vahed Qazvinian**, Dragomir Radev. Novel Methods in Information Retrieval. Technical Report CSE-TR-546-08, Department of Electrical Engineering and Computer Sciences, University of Michigan, Ann Arbor.
- **Vahed Qazvinian**, Hassan Abolhassani, Seyed.H. Haeri. Evolutionary Coincidence-based Ontology Alignment Extraction. *In Expert Systems, the Journal of Knowledge Engineering*. 25 (3), 221-236, July 2008.
- **Vahed Qazvinian**, Leila Sharif, Ramin Halavati. Summarizing Text with a Genetic Algorithm Based Sentence Selection. *International Journal of knowledge management studies*. 2(4), 426-444, 2008.
- Seyed H. Haeri, Hassan Abolhassani, **Vahed Qazvinian**, Babak Hariri. Coincidence Based Scoring of Mapping in an Ontology Alignment Framework. *Journal of Advanced Computational Intelligence and Intelligent Informatics. (JACIII)* Vol.11, No.7, pp 803-816.
- **Vahed Qazvinian**, Abtin Rassoulia, and Jafar Adibi. Observations on Failure in Blogs. *International Conference on Weblogs and Social Media, ICWSM'07*. Boulder, Colorado, USA, March, 2007.
- **Vahed Qazvinian**, Abtin Rassoulia, Mohammad Shafiei, and Jafar Adibi. A Large Scale Study on Persian Weblogs. *IJCAI'07 Workshop on Text-Mining & Link-Analysis (TextLink 2007)*, Hyderabad, India, January, 2007.
- **Vahed Qazvinian**, Hassan Abolhassani, S. Hossein Haeri. Coincidence Based Mapping Extraction with Genetic Algorithms. *The 3rd International Conference on Web Information Systems and Technologies (Webist 2007)*. Barcelona, Spain, March, 2007.
- **Vahed Qazvinian**, Abtin Rassoulia. Ontology Alignment Extraction. B.Sc. thesis, Department of Computer Engineering, Sharif University of technology.

PROFESSIONAL EXPERIENCE

*Center for Advanced Research, PricewaterhouseCoopers LLP,
San Jose, CA*

Summer 2008

- Subledger Network Analysis. With David Steier, and Stephen Bay.

IRANDOC

Winter 2007

- Electronic Thesis and Dissertation Project

TEACHING
EXPERIENCE

Teacher Assistant, Department of Computer Engineering,
Sharif University of Technology

- Advanced Information Retrieval, Prof. Hassan Abolhassani.
- Design of Algorithms, Prof. Hamid Beygi.
- Operating System Lab, Prof Rasool Jalili.

Spring 2007

Spring 2006

Fall 2006

TECHNICAL SKILLS

Programming: Java, MATLAB, Perl, UNIX shell scripting, SQL.

Familiar with C, C++.

Typesetting: \TeX , \LaTeX .

Operating Systems: Microsoft Windows, Apple OS X, Linux.