

Abtin Rasoulia

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- EDUCATION
- ◇ **Sharif University of Technology**, Tehran, Iran.
B.Sc in Computer Engineering, Major: Software Engineering; since September 2003, Degree Expected: Summer 2007
Current Computer Science GPA: 16.5/20
 - ◇ **Allameh Helli High School**, Tehran, Iran
Part of National Organization for Development of Exceptional Talent(NODET) *Diploma, Mathematic and physics Disipline, 1999-2003*
- HONOR & AWARDS
- ◇ **Ranked 94th** among +400,000 participants of the national university B.Sc entrance exam
 - ◇ **Ranked 9th** in General Game Playing, Stanford University, AIII conference, June 2006
- RESEARCH INTERESTS
- Algorithm and Computational Complexity, parralel computeing, aproximation algorithhm
Artificial Integligence, Multi-Agent Systems, Intelligent Information Retrieval
Data Mining, Semantic Information, knowledge base systems
- PROJECTS INVOLVED
- ◇ **Collecting and creating** the largest blog dataset that contains comments (and largest Persian blog dataset). Summer 2006. BlogScience (www.blogscience.org) under supervision of Dr. Jafar Adibi at ISI (USC)
 - ◇ BlogScience, Reseach on Social Network Analysis. (www.blogscience.org)
 - ◇ **Implementation** of parallel design to solve minimum movement problem(network sensor problem), Sharif University of Technology, Professor Ghodsi, my B.Sc project, this semester
 - ◇ **Design and Implementation** of a General Game Player for multi-agent environment, online Stanford contest, Spring 2006
 - ◇ **Design and Implementation** of automatic web crawler/classifier for directory based search engines (tested on dmoz.org) ,joint work with Vahed Qazvinian, Sharif University of Technology, 2006 (Director: Dr. Abolhasani)
 - ◇ **Simulating** access network canal model worked with CSMA/CD method, Sharif University of Technology, Fall 2005 (Direcotor Dr. Malekian)
 - ◇ **System Analyst and Implementer**, Geo-Technique dedicated automation software based on ASTM standards, Khak-Pey Tehran Co. Tehran, Iran, 2005-2006
 - ◇ **Design and Implementation** of a compiler for LL1 programming languages producing Motorola 68000 standard assembly code. Sharif University of Technology, 2005-2006 (Director: Dr. Jaberipour)

- ◇ **Design and Implementation** of a 2-D strategy game with java. Sharif University of Technology, 2004 (Director: Dr. Ramtin KHosravi)
- ◇ **Design and Impelementation** DES-Encryption on Motorola 68000. Sharif University of Technolgy, (Director Dr. Miremadi), Spring 2003

EXPERIENCES ◇ **Teaching Assistant**, Sharif University of Technology, Data Structure, Dr. Beigi, Fall 2006

- ◇ **Design and implementation** of a software for Analysis and Mining Iran stock exchange market using technical analysis and combination indicators, 2003-2004

PUBLICATION ◇ **Published**

- V. Qazvinian, A. Rasoulian, M. Shafiei, and J. Adibi '*A Large Scale Study on Persian Weblogs*', in Proceedings of Workshop on Text-Mining and Link-Analysis (TextLink 2007), The Twentieth International Joint Conference on Artificial Intelligence
- A. Rasoulian, V. Qazvinian, '*Observation on Failure in Blogs*', to appear in The International Conference on Weblogs and Social Media, ICWSM07. Boulder, Colorado, USA , March, 2007

◇ **Submitted**

- A. Rasoulian, V. Qazvinian, and J.adibi '*Governing Dynamics of Connection Failure in blogospheres*'. Submitted to ACM 13th Internation Conference on Data Mining and Knowledge Discovery (KDD07), San Jose, CA, USA, August 2007.
- A. Rasoulian, V. Qazvinian, MT. Rohani Rankouhi, '*Detecting Connection Traps in Large Relational Databases: A Mathematical Approach.*', Submitted to 25th International Conference on Conceptual Modeling (ER2006), January 2006

◇ **Technical Report**

- A. Rasoulian, MT. Rohani Rankouhi, '*Formulating view updating*', (In Farsi)DataBase course, January 2006

SKILLS ◇ C/C++, Java, Matlab, SQL, Verilog

HOBBIES ◇ Playing Viola(violin alto), Participating in Galamian String Quartet, Persian Litreture