

# Curriculum Vitae

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## Mehdi Hafezi Manshadi

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### Education

- PhD in Computer Science, *University of Rochester*, Rochester, NY, June 2011
- Master of Science in Computer Science, *University of Rochester*, Rochester, NY, May 2008
- Master of Science in Electrical Engineering, *Sharif University of Technology*, Tehran, Iran, February 2002
- Bachelor of Science in Electrical Engineering, *Sharif University of Technology*, Tehran, Iran, September 1999
- Mathematics and Physics Diploma, National Organization of Development of Exceptional Talents, Yazd, Iran, June 1995

### Awards & Honors

- Curtis Award for Excellence in Teaching, University of Rochester, Rochester, NY, March 2010
- Best papers award from the 2nd Workshop on Persian Language and Computer, Tehran, Iran, June 2006
- Bronze Medal in the Fifth National Olympiad of Computer and Informatics, Mashad, Iran, 1995
- Bronze Medal in the Fifth National Olympiad of Mathematics, Mashad, Iran 1995
- Silver Medal in the Fourth National Olympiad of Computer and Informatics, Shiraz, Iran 1994

### Theoretical Background

- Probability and Combinatorial Mathematics
- Machine Learning and Pattern Recognition
- Algorithms and Computational Complexity
- Computational Linguistics
- Digital Speech Processing
- Discrete-time Signal Processing
- Microprocessors, Microcontrollers and Digital Signal Processors: Architecture and Assembly Language

### Publications

Mehdi Manshadi, Xiao Li, “Semantic Tagging of Web Search Queries”, Proceeding of the ACL-09, Singapore, August 3-5, 2009.

Mehdi Manshadi, James Allen and Mary Swift. “An Efficient Enumeration Algorithm for Canonical Form Underspecified Semantic Representations”. Proceedings of the 14th Conference on Formal Grammar (FG 2009), Bordeaux, France July 25-26, 2009.

Mehdi Hafezi Manshadi, James Allen, Mary Swift, “Toward a Universal Underspecified Semantic Representation”, Proceedings of the 13th Conference on Formal Grammar (FG 2008), Hamburg, Germany, August 9-10, 2008.

Manshadi, M., Swanson, R., & Gordon, A. (2008) “Learning a Probabilistic Model of Event Sequences From Internet Weblog Stories”. Twenty-first International Conference of the Florida AI Society, Applied Natural Language Processing track, May 15-17, 2008, Coconut Grove, FL.

James Allen, Myroslava Dzikovska, Mehdi Manshadi, Mary Swift. “Deep linguistic processing for spoken dialogue systems”. Proceedings of the ACL 2007 Workshop on Deep Linguistic Processing, pp. 49-56, Prague, Czech Republic, June 2007.

M. Hafezi Manshadi, L. Mansuri, M. Bahrani, N. Montazeri, "Building a Syntactic Model for Persian", the 2nd Workshop on Persian Language and Computer, Tehran, Iran, June 2006

M. Hafezi Manshadi, M. Tabandeh, K. Nayebi, "Gozare: A Parser for Persian", The 1st Workshop on Persian Language and Computer, Tehran, Iran, June 2004

## **Work Experience**

**Microsoft Research, Redmond** May 2008-Aug 2008

Summer internship: Automatic tagging of web search queries.

**Institute for Creative Technologies (ICT)** June 2007-Aug 2007

Summer internship: Building a probabilistic model of event sequences from narrative text.

**Speech Processing Laboratory of Sharif University of Technology** 2004-2006

Continuous Speech Recognition for Persian

**Rasa Co.** 2002-2006

Circuit Design and Digital Signal Processing (2002-2004), Project Manager (2004-2006)

## **Teaching**

Introduction to the Theory of Computation, Department of Computer Science, University of Rochester, Spring 2010

Electrical Circuits I, Azad University, Yazd Branch, Department of Electrical Engineering, Spring 2003

Digital Design, Azad University, Yazd Branch, Department of Electrical Engineering, Fall 2002

Microprocessor I, Azad University, Yazd Branch, Department of Electrical Engineering, Fall 2002

Computer Architecture, Azad University, Yazd Branch, Department of Electrical Engineering, Fall 2002

Operating Systems, Azad University, Yazd Branch, Department of Electrical Engineering, Fall 2002

### **Teaching Assistant**

Mathematical Foundations of AI, Department of Computer Science, University of Rochester, Spring 2008

Computer Programming, Department of Computer Science, University of Rochester, Fall 2007

Microprocessor I, Sharif University of Technology, Department of Electrical Engineering, 1999-2000

## **Computer Skills**

- **Programming Languages**  
Java, Perl, C, C++, C#, Matlab, Lisp, Pascal
- **Operating Systems**  
Mac, Linux, Windows

## **Languages**

Persian (fluent), English (fluent)

## **Interest**

- Computational Linguistics
- Machine Learning and Pattern Recognition
- Theory of Computation
- Speech Recognition and Text to Speech
- Digital Signal Processing