

Matthew Hausknecht

CONTACT INFORMATION	Department of Computer Sciences The University of Texas at Austin 1 University Station [C0500] Austin, TX 78712-0233	<i>Office:</i> ENS 32SE08 <i>Cell:</i> (713) 703-5705 <i>E-mail:</i> mhauskn@cs.utexas.edu <i>Web:</i> www.cs.utexas.edu/users/mhauskn
CITIZENSHIP	USA	
RESEARCH INTERESTS	Artificial Intelligence, Reinforcement Learning, Autonomous Agents	
EDUCATION	The University of Texas at Austin , Austin, TX <i>Ph.D. Student, Department of Computer Sciences</i>	2009 - Present
	Emory University , Atlanta, GA <i>B.S. Computer Science, Summa Cum Laude</i>	2005 - 2009
	Bellaire High School , Bellaire, TX	2001 - 2005
HONORS & AWARDS	Phi Kappa Phi, 2010 NSF Graduate Research Fellowship, 2009 MCD Fellowship, The University of Texas at Austin, 2009 Trevor Evans Award, Emory University, 2009 Dean's List, Emory University, 2005-2008 Phi Beta Kappa, 2007 National Merit Scholarship, 2005	
RESEARCH EXPERIENCE	Cognitive and Linguistic Systems Lab Emory Department of Psychology	September 2007 - May 2009
	<i>Undergraduate Researcher</i> <ul style="list-style-type: none">• Develop, extend, and maintain the Force Composition Model Simulator• Assist in development of computational models of relation composition• Primary Investigator: Phillip Wolff	
	Undergraduate Honors Thesis Emory University	September 2008 - May 2009
	<i>Researcher</i> <ul style="list-style-type: none">• Extract Causal Relations from text and form networks to visualize relations• Utilize CRF & statistical methods to identify causal sentences• Advisors: Eugene Agichtein, Phillip Wolff, Li Xiong	
	Intrusion Detection Research Group University of Houston	June 2008 - September 2008
	<i>Research Intern</i> <ul style="list-style-type: none">• Funded through NSF REU Internship	

- Created System for probabilistically detecting intruders based on the length of their incoming SSH tunnel
- Best Poster Award: REU Poster Seminar
- Advisor: Stephen Huang

High Performance Computing and Tools Research Group

University of Houston

June 2007 - September 2007

Research Intern

- Funded through NSF REU Internship
- Created Eclipse Plugin to interface with OpenUH Compiler
- Upgraded Version 2.0 of the OpenMP Validation Suite merging with collaborators at ZIH
- Adhianto, L., Chapman, B., Hausknecht, M.,
New Framework For Analyzing and Modeling Parallel Applications
Submitted to *Automated Software Engineering* 2007
- Advisors: Barbara Chapman, Lei Huang, Laksono Adhianto

TEACHING EXPERIENCE

CS 170 Introduction to Computer Science

Emory University

September 2007 - December 2007

Teaching Assistant

- Graded assignments, held office hours, taught laboratory based portion of course
- Substituted when necessary

EMPLOYMENT

AAIT Helpdesk

Emory University

September 2006 - November 2008

Helpdesk Technician

- Assisted students, faculty, and staff campus wide with various technology related problems

PUBLICATIONS

Learning Powerful Kicks on the Aibo ERS-7: The Quest for a Striker.

Hausknecht, M. and Stone, P.

In *Proceedings of the RoboCup International Symposium*, 2010

Force composition and the problem of negative causation.

Wolff, P., Hausknecht, M., & Holmes, K.

In *J. Bohnemeyer & E. Pederson (Eds.), Event representation in language: Encoding events at the language cognition Interface.*

For want of a nail: How absences cause events.

Wolff, P., Barbey, A., Hausknecht, M.

In *Journal of Experimental Psychology: General*, 2009

Detecting Stepping-Stone Intruders with Long Connection Chains

Ding, W., Hausknecht, M., Huang, S., Riggle, Z.

In *The Fifth International Conference on Information Assurance and Security*, 2009

Heuristic Based Extraction of Causal Relations from Annotated Causal Cue Phrases

Hausknecht, M.

Undergraduate Dissertation, 2009