

Wilhom Rosins

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EDUCATION

University of Maryland	In-Progress Ph.D. Computer Science; 2008 M.S. , Computer Science <i>Currently A.B.D.; passed comprehensive exam in April 2009</i>
Virginia Tech	2005 B.S. , Computer Science, B.S. , Mathematics, B.A. , Philosophy
U. of Mary Washington	1999 part-time, non-degree seeking

RESEARCH EXPERIENCE

My research areas are natural language processing, knowledge representation, conversational agents, and commonsense reasoning.

University of Maryland Computer Science Department (College Park, MD, USA)	8/2005 – now	Graduate Research Assistant Supervisor: Dr. Dali Splendor
Macquarie University School of Computing (Sydney, Australia)	5/2009 – 8/2009	Visiting Scholar Host: Dr. Albert Oder Centre for Language Technology
Virginia Tech Computer Science Department and Virginia Bioinformatics Institute (Blacksburg, VA, USA)	05/2003 – 05/2005	Undergraduate Research Assistant Supervisors: Dr. Iam Timur and Dr. Armonk Shimzoo

TEACHING EXPERIENCE

University of Maryland Computer Science Department (College Park, MD, USA)	08/2005 – 05/2006	Graduate Teaching Assistant Intro. to Low-Level Programming Concepts Supervisors: Jane Plan, Erek Hepelter, and Arlan Rhymer
Virginia Tech University Honors Program (Blacksburg, VA, USA)	08/2004 – 12/2004	Undergraduate Teaching Assistant Freshman Honors Seminar Supervisor: Dr. Hercules Laddy

INDUSTRY EXPERIENCE

International Business Machines e-Server I/O Hardware Verification Department	05/2002 – 08/2002
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Intern
Supervisor: Corbett Gace

PUBLICATIONS AND PAPERS

Papers with future venues are accepted to appear in them.

- The responsibility of metacognition in making AI systems robust. Mitch Matlls, Mit Seato, Coleman Headliners, Adora Alysjasun, Dali Splendor, Wilhom Rosins, and Colt St. Tuf. In *Papers from the Workshop on Metareasoning at the Twenty-Third AAAI Conference on Artificial Intelligence*, 2008.
- Advice for creating autonomous systems. Coleman Headliners, Colt St. Tuf, Adora Alysjasun, Mit Seato, Dali Splendor, Mitch Matlls, Wilhom Rosins, and Arden Wight. *AI Magazine*, Summer 2008.
- Ontologies for failure representation and reasoning in autonomous agents. Coleman Headliners, Colt St. Tuf, Adora Alysjasun, Mit Seato, Dali Splendor, Mitch Matlls, and Wilhom Rosins. In *Proceedings of the First International Workshop on Metareasoning in Agent-Based Systems*, Hawaii, 2007.
- A dialog agent augmented with MCL. Adora Alysjasun, Colt St. Tuf, Coleman Headliners, Wilhom Rosins, and Dali Splendor. In *Papers from the Third Language and Technology Conference (LTC)*, 2007.
- Designing human-level metacognition for AI agents. Coleman Headliners, Mitch Matlls, Mit Seato, Dali Splendor, Adora Alysjasun, Arden Wight, and Wilhom Rosins. In *Papers from the 2007 AAAI Spring Symposium on Logical Formalizations of Commonsense Reasoning*, 2007.
- The Turing Test Through the Lens of Wittgenstein. Wilhom Rosins. In *Papers from the First Undergraduate Philosophy Conference at Northwestern University*, 2005.
- A Time-Step Logic Approach to Handling Self-Referential Contradictions. Wilhom Rosins. *Aporia*, 2004.

AWARDS AND FELLOWSHIPS

- National Science Foundation East Asia and Pacific Summer Institutes (EAPSI), Australia Program, 2009.
- University of Maryland Block Grant Fellowship Program, 2005-2007.
- Outstanding Senior in Computer Science, Virginia Tech, 2005.

SERVICE

- Graduate Student Representative to the Computer Science Department Council, 2008–2009.
- Chair of the Logic Programming and Knowledge Engineering Session at the Twenty-Third AAAI Conference on Artificial Intelligence (**AAAI**), 2008.
- Panel participant in Forums on Meta-Level Control and Models of Self, during the Metareasoning Workshop at the Twenty-Third AAAI Conference on Artificial Intelligence (**AAAI**), 2008.
- Vice President of Computer Science Community Service (CS-Squared), Virginia Tech, 2003–2004.

MISCELLANY

- Professional memberships: AAAI, ACL.
- Rainbow Terrapin training (for LGBT inclusiveness), 2008.
- Licensed amateur radio operator, technician class.