

# Wilhom Rosins

A. V. Williams Building [115]  
University of Maryland  
College Park, MD 20742-3255

wilhom@cs.umd.edu  
<https://cs.umd.edu/~wilhom>

## EDUCATION

**University of Maryland** In-Progress Ph.D. Computer Science; 2008 **M.S.**, Computer Science  
*Currently A.B.D.; passed comprehensive exam in April 2009*

**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.

<b>University of Maryland</b> Computer Science Department (College Park, MD, USA)	8/2005 – now	<b>Graduate Research Assistant</b> Supervisor: Dr. Dali Splendor
---	--------------	---

<b>Macquarie University</b> School of Computing (Sydney, Australia)	5/2009 – 8/2009	<b>Visiting Scholar</b> Host: Dr. Albert Oder Centre for Language Technology
---	-----------------	--

<b>Virginia Tech</b> Computer Science Department and Virginia Bioinformatics Institute (Blacksburg, VA, USA)	05/2003 – 05/2005	<b>Undergraduate Research Assistant</b> Supervisors: Dr. Iam Timur and Dr. Armonk Shimzoo
--	-------------------	---

## TEACHING EXPERIENCE

<b>University of Maryland</b> Computer Science Department (College Park, MD, USA)	08/2005 – 05/2006	<b>Graduate Teaching Assistant</b> Intro. to Low-Level Programming Concepts Supervisors: Jane Plan, Erek Hepelter, and Arlan Rhymer
---	-------------------	--

<b>Virginia Tech</b> University Honors Program (Blacksburg, VA, USA)	08/2004 – 12/2004	<b>Undergraduate Teaching Assistant</b> Freshman Honors Seminar Supervisor: Dr. Hercules Laddy
--	-------------------	--

## INDUSTRY EXPERIENCE

International Business Machines | 05/2002 – 08/2002  
e-Server I/O Hardware  
Verification Department

**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.