Shomir Wilson

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EDUCATION

University of Maryland	In-Progress Ph.D., Computer Science (A.B.D. since April 2009)
	2008 **M.S.**, Computer Science
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 knowledge representation and reasoning, conversational agents, metareasoning, 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	05/2002 – 08/2002	**Intern**
e-Server I/O Hardware		Supervisor: Corbett Gace
Verification Department		

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.