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May 9, 2013

## About

I am a doctoral candidate in [http://www.cse.umich.edu/Computer Science and Engineering](http://www.cse.umich.edu/Computer%20Science%20and%20Engineering) at [http://www.umich.edu/The University of Michigan](http://www.umich.edu/The%20University%20of%20Michigan), Ann Arbor. I have been working with Professor [http://ai.eecs.umich.edu/people/laird/John Laird](http://ai.eecs.umich.edu/people/laird/John%20Laird) on the <http://sitemaker.umich.edu/soar/home> Soar Cognitive Architecture in the [http://www.eecs.umich.edu/ai/Michigan AI Lab](http://www.eecs.umich.edu/ai/Michigan%20AI%20Lab) since 2009.

I am interested in situated language for intelligent agents and the relationship of language processing (comprehension, acquisition, generation and interaction) with other cognitive capabilities such as perception, procedural and declarative knowledge, and learning.

My past work has focused on cognitive agents that can learn to navigate new, complex environments. We have looked at agents that start with minimal background knowledge about an environment and build relevant, relational structures using reinforcement learning in the <http://2009.rl-competition.org/mario.php> Infinite Mario RL domain.

I am from India, where I received an undergraduate degree in [http://en.wikipedia.org/wiki/Instrumentation and Control Engineering](http://en.wikipedia.org/wiki/Instrumentation_and_Control_Engineering) from [http://www.du.ac.in/index.php?id=differential calculus](http://www.du.ac.in/index.php?id=differential%20calculus), I ended up loving programming and other geeky, Computer Science-y things. I worked with [http://in.careers.yahoo.com/Yahoo! India](http://in.careers.yahoo.com/Yahoo!%20India) as a software engineer on their Strategic Data Solutions team for some time, before deciding to denounce the real world, and the money that comes with it and became a graduate student.

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