

JONATHAN GORDON *Curriculum Vitæ*

My primary research interest is work in artificial intelligence, with an emphasis on natural language understanding and knowledge extraction.

CONTACT

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EDUCATION

2007–present *University of Rochester* Rochester, NY
PhD student, Computer Science.
MS Spring 2009. Advisor: Lenhart Schubert.

2003–2007 *Vassar College* Poughkeepsie, NY
Bachelor of the Arts, Computer Science.
GPA: 3.54. Advisor: Nancy Ide.

GRE Scores 740/800 verbal, 740/800 quant., 6/6 analytic writing

RESEARCH EXPERIENCE

2007–2009 *PhD Program* University of Rochester
Used subcategorization frame information to filter out incomplete propositions generated by Schubert's *KNEXT* knowledge-extraction system. Currently evaluating the results of doing knowledge extraction over large, nontraditional corpora including Wikipedia and weblog data.

Summer 2008 *Institute for Creative Technologies* USC
Worked with H. Chad Lane as a visiting researcher on the planning and creation of text evaluation tools using latent semantic analysis (LSA) and pattern-matching for the creation of the *TACL* continuous-learning tutoring system. Ran experiments to train and test automated feedback for student essays.

Summer 2006 *Undergraduate Research Summer Institute* Vassar
Investigated the applicability of n -grams to the problem of musical comprehension, creating an agent that could learn the chord progressions characteristic of a style of music and demonstrate that knowledge through chord prediction.

Summer 2005 *American National Corpus* Vassar College
Worked as a research assistant, helping in the creation of a gold standard in the second edition of the corpus, with accurately marked sentence boundaries, paragraphs, sections, etc.

TEACHING EXPERIENCE

Fall 2008 *Teaching Assistant* University of Rochester
Gave nine lectures as well as creating, proctoring, and grading examinations for an introductory computer science class.

Spring 2008 *Teaching Assistant* University of Rochester
Wrote labs, workshops, and projects and graded student work, coordinating with undergraduate TAs to manage a class of over ninety students.

Fall 2004 *Lab Coach* Vassar College
Helped students complete lab work, programming in Java.

ADDITIONAL WORK EXPERIENCE

2005–2007 *Assistant System Administrator* Vassar College
Helped to maintain three labs of research systems, department servers, and faculty computers. Worked on transitioning from Solaris and Mac OS X to Linux and moving servers to running on Xen virtual machines. Created a custom web-based solution for monitoring system status.

SKILLS

Highly skilled at programming in C, C++, and Lisp. Have experience with Java, Scheme, Perl, PHP, Haskell, Prolog, and Matlab. Can write standards-compliant (x)HTML and CSS as well as writing papers with L^AT_EX.

Have developed software on Linux, Solaris, and Mac OS X systems.

Also familiar with digital media software for audio and visual work. Have coursework in electronic music production and digital photography.

I speak and read German, non-fluently.

New York, February 2009