

JONATHAN GORDON CURRICULUM VITÆ

My primary research interest is work in artificial intelligence, with an emphasis on open knowledge extraction from text, a form of learning-by-reading.

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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–present *PhD Program* University of Rochester
Ongoing research includes work on extracting general world knowledge in a logical form from large, noisy data sets including weblogs and Wikipedia.

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

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
Worked as a research assistant, helping in the creation of a gold standard in the second edition of the corpus.

PUBLICATIONS

Weblogs as a Source for Extracting General World Knowledge.

Jonathan Gordon, Benjamin Van Durme, & Lenhart Schubert. In the Proc. of the Fifth International Conference on Knowledge Capture (K-CAP 2009).

Analyzing Chord Progressions in Popular Music using Techniques from Artificial Intelligence.

Jonathan Gordon & Luke Hunsberger. URSI poster session, 2006.

TEACHING EXPERIENCE

2008–2009 *Teaching Assistant* University of Rochester
Assisted with three semesters of graduate and undergraduate Computer Science classes. Wrote labs, workshops, and programming projects. Gave lectures and tutorials. Graded homework assignments and programming projects. Proctored and graded final examinations.

Fall 2004 *Lab Coach* Vassar
Helped students complete lab work for an introductory Computer Science class, programming in Java. Held weekly office hours to answer questions about homework assignments.

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 Lisp, C, and C++. Capable with Perl and PHP. Have experience with other programming languages including Java.

Can write standards-compliant (X)HTML and CSS and can write 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.

References available on request.

New York, November 2009