

Jonathan Gordon

Curriculum Vitæ

Contact

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

Education

2007–present **University of Rochester** *Rochester, NY*
PhD student, Computer Science. Advisor: Lenhart Schubert. GPA: 3.5

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

GRE: 740/800 verbal, 740/800 quantitative, 6/6 analytic writing

Research Experience

Fall 2007 **Graduate Student** *University of Rochester*
Working on improving the quality of knowledge bases generated by the KNEXT knowledge-extraction system by using subcategorization frame information to recognize incomplete information. Wrote a survey of causal logic literature.

Summer 2006 **URSI: Undergraduate Research Summer Institute**
Department of Computer Science Vassar College
Investigated the applicability of artificial intelligence (machine learning) techniques to the problem of musical comprehension, making an agent that could learn chord progressions characteristic of a style of music and demonstrate that knowledge through chord prediction. System was implemented in Lisp and Perl.

Summer 2005 **American National Corpus**
Department of Computer Science *Vassar College*
Worked as a research assistant, helping in the creation of a corpus, working with software for syntactically coding texts using XML, XSLT, Perl, BASH, and GATE.

Teaching Experience

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

Fall 2004 **Lab Coach** *Vassar College*
Coached labs for the introductory Computer Science class, helping students complete the weekly lab work and holding regular coaching hours.

Work Experience

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

Summer 2004 **Travel Counselor** *AAA North Jersey*
Assisted AAA members by plotting routes using both maps and computers, making hotel and car reservations, and providing travel materials. Was responsible for checking the department voice mail and responding to messages.

2003–2004 **CS Dept Office Assistant** *Vassar College*
Responsible for performing errands for the professors, facilitating research, and setting up for department events.

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 HTML, XHTML, and CSS as well as writing papers with \LaTeX .

Have developed software on GNU/Linux, Solaris, and Mac OS X systems. Have administrated Linux and Solaris servers.

Familiar with digital media software for audio and visual work (Digital Performer, Ableton Live, Reason, Photoshop, Aperture, Modul8). Have course work in electronic music production and digital photography.

I speak and read German, non-fluently. I read Latin and Old English (Anglo-Saxon), crudely.

References available on request.

Rochester, February 2008