

Jennifer A. Gillenwater

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- EDUCATION** **University of Pennsylvania**, Philadelphia, PA
Ph.D. in Computer Science expected 2013. GPA: 3.93
Rice University, Houston, TX
B.S. in Electrical Engineering, Magna Cum Laude, May 2008. GPA: 3.91
Hong Kong University of Science and Technology, Hong Kong, China
Study abroad, Spring 2007. GPA: 4.27
- EXPERIENCE** **Summer Intern—Software Testing**: May 2008 - August 2008
Microsoft, Seattle, WA
Analyzed performance bottlenecks in the conversion of Word, PowerPoint, Excel, and other document types to HTML as a part of the Office Live Workspaces team.
Teaching Assistant: Spring & Fall 2006, Fall 2007
Rice University, Houston, TX
Aided with *Principles of Computing and Programming*, *Discrete Math*, and *Digital Logic Design* by holding office hours, writing quiz questions, instructing labs, and grading.
Summer Intern—Computer Science: June 2007 - August 2007
USC/ISI, Los Angeles, CA
Explored new probability-based methods of incorporating context into syntax-based translation rules for a statistical machine translation system.
Summer Intern—Solid State Physics: June 2006 - August 2006
University of Tokyo, Kashiwa, Japan
Characterized a non-contact AFM system for use in medium vacuum conditions. Conducted experiments attempting to deposit gold nanowires with the AFM cantilever.
Undergraduate Researcher: Spring 2006
Rice University, Houston, TX
Studied Verilog and developed a representative subset to serve as a basis for Featherweight Verilog, a project to improve synthesizability verification of HDL programs.
Summer Intern—Computer Science: June 2005 - August 2005
UCLA/CENS, Los Angeles, CA
Created a user-friendly web interface, including a graphical representation, for Sympathy, an embedded sensor network debugging tool.
- SKILLS** **Programming experience in** Java, C#, C/C++, Perl, Scheme, and MATLAB.
- ACTIVITIES** **Rice CSters, Women in Computer Science Club**: Secretary 2006, Treasurer 2007
College Academic Fellow: Fall 2006 - Spring 2008
Aikido Club: Fall 2006 - Spring 2008
Spring Break Community Service Trip: 2005, 2006, 2008
RSVP, Rice Student Volunteer Program: Fall 2004 - Spring 2008
- HONORS** **NSF Graduate Research Fellowship**: Awarded Spring 2008
NSF IGERT Traineeship in Language Sciences: Awarded Spring 2008
W. L. Moody, Jr. Scholarship in Engineering: Fall 2007 - Spring 2008
Rice Engineering Alumni Senior Merit Scholarship: Fall 2007 - Spring 2008
Eta Kappa Nu, Electrical Engineering Honor Society: Spring 2007 - Spring 2008