

Jennifer A. Gillenwater

3635 Woodland Park Ave N
Unit 221
Seattle, WA 98103

jgillenw@gmail.com
410-790-3763

- EDUCATION** **University of Pennsylvania**, Philadelphia, PA
Ph.D. in Computer Science, December 2014. 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** **Postdoc in Electrical Engineering:** January-June 2015
University of Washington, Seattle, WA
Continued research on thesis topic (determinantal point processes) and investigated properties of related submodular functions.
- Summer Intern—Research:** Summer 2011, 2012; Fall 2012
Google Research, Mountain View, CA
Implemented determinantal point process algorithms—methods for balancing quality and diversity for subset selection problems—for photo and music applications.
- Course Instructor:** Fall 2011
University of Pennsylvania, Philadelphia, PA
Designed and taught *Intelligent Game Agents* with two other graduate students. Focused on teaching basic AI concepts in the context of programming competitions based on the annual Google AI Challenge task.
- Summer Intern—Research:** Summer 2010
Microsoft Research, Redmond, WA
Proposed a method for supervised learning of dependency parsers for the task of re-ranking documents retrieved for long search queries.
- Teaching Assistant:** Fall 2009, 2010, 2012; Spring 2010
University of Pennsylvania, Philadelphia, PA
Aided with *CIS 520: Machine Learning* (fall) and *CIS 521: Intro to Artificial Intelligence* (spring) by designing homeworks and exams, crafting and presenting recitation lectures, and holding office hours.
- Summer Intern—Software Testing:** Summer 2008
Microsoft, Redmond, 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.
- Summer Intern—Computer Science:** Summer 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.
- SKILLS** **Programming experience in Java, C#, C++, MATLAB, Python, and Perl.**
- AWARDS** **NIPS 2014 Outstanding Reviewer Award**
- New York Academy of Sciences Machine Learning Symposium:**
2nd (2014, 2011) and 4th (2010) place presenter award
- NSF Graduate Research Fellowship:** Fall 2010 - Spring 2013
- NSF IGERT Traineeship in Language Sciences:** Fall 2008 - Spring 2010