

Alice Lai

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Education

- 2012–Present **Ph.D. Computer Science**, *University of Illinois at Urbana-Champaign*.
Natural Language Processing
Advisor: Julia Hockenmaier
- 2008–2012 **B.S. Computer Science, B.A Japanese**, *University of Pittsburgh*.
Summa Cum Laude

Publications

- 2017 Alice Lai, Yonatan Bisk, and Julia Hockenmaier. **Natural Language Inference from Multiple Premises**. *Proceedings of the 8th International Joint Conference on Natural Language Processing*.
Alice Lai and Julia Hockenmaier. **Learning to Predict Denotational Probabilities For Modeling Entailment**. *Proceedings of the 15th Conference of the European Chapter of the Association for Computational Linguistics*. [PDF]
- 2014 Alice Lai and Julia Hockenmaier. **Illinois-LH: A Denotational and Distributional Approach to Semantics**. *Proceedings of SemEval 2014: International Workshop on Semantic Evaluation*, 329–334. [PDF]
Peter Young, Alice Lai, Micah Hodosh, and Julia Hockenmaier. **From image description to visual denotations: New similarity metrics for semantic inference over event descriptions**. *Transactions of the Association for Computational Linguistics*, Vol 2 (Feb): 67–78. [PDF]

Experience

Academic

- 2012–Present **Research Assistant**, *University of Illinois at Urbana-Champaign*.
- 2011–2012 **Undergraduate Research Assistant**, *University of Pittsburgh*.
Advisor: Alexandros Labrinidis
Developed preference and performance metrics to improve user experiences for web databases.

Industry

- Fall 2017 **Research Intern**, *Grammarly*, New York, NY.
- Summer 2016 **Software Development Intern (Product Search)**, *A9.com*, Palo Alto, CA.
Worked on mapping natural language queries to a knowledge base.

2009–2011 **Intern**, *NorthWest Research Associates*, Redmond, WA.
Developed data analysis software to analyze aircraft-generated vortex data and related numerical models for a project funded by NASA.

Teaching

Fall 2016 **Teaching Assistant**, *Machine Learning*, UIUC, (177 students).

Invited Talks

2017 **Invited Talk**, Columbia University NLP Seminar

2014 **Colloquium Talk**, University of Illinois at Urbana-Champaign, Midwest Speech and Language Days.

Awards

2012–2015 National Science Foundation Graduate Research Fellowship

2013 Yahoo! Grace Hopper Celebration Scholarship

2012 Computer Science Outstanding Undergraduate Student, *University of Pittsburgh*

2009–2010 Computer Science Department Honor Roll, *University of Pittsburgh*

2009 University Scholar, *University of Pittsburgh*

2008–2012 Honors College Full Tuition Scholarship, *University of Pittsburgh*

Service

2016–2017 Diversity Advocate to the Engineering Graduate Student Advisory Committee

2016–2017 Graduate Society of Women Engineers Secretary

2015–Present Graduate Society of Women Engineers Website Manager

2015–Present Artificial Intelligence & Information Systems Seminar Organizer

2013–2016 Computer Science Graduate Ambassador

2013–2015 Computer Science Graduate Student Mentor