

ALANE SUHR

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Department of Computer Science, Cornell University

RESEARCH INTERESTS

Natural language processing; specifically, semantics and pragmatics. In particular, incorporating context into logical forms of utterances and language grounding.

EDUCATION

Cornell University *August 2016-present*

PhD in Computer Science

Advisor: Yoav Artzi

Ohio State University *August 2012-May 2016*

Honors B.S. in Computer Science & Engineering

Minor in Linguistics

Overall GPA: 3.953; Summa Cum Laude

HONORS, AWARDS, GRANTS, AND FELLOWSHIPS

Cornell University

ParIAI Research Award \$20,000 from FAIR for continuing development on NLVR *Autumn 2017*

Outstanding Paper and Best Resource Paper at ACL 2017 for Suhr et al. 2017 *Summer 2017*

AWS Cloud Credits for Research \$37,000 in AWS credits *Spring 2017*

Microsoft Research Women's Fellowship tuition and stipend for semester *Spring 2017*

Ohio State University

Eminence Fellowship tuition and stipend for four years *August 2012-May 2016*

OSU College of Engineering Dean's List *Autumn 2012-Spring 2016*

OSU Honors College member *August 2012-May 2016*

Robert F Shurtz Award *Autumn 2013*

Tau Beta Pi: Ohio Gamma inducted *Autumn 2013*

Upsilon Pi Epsilon inducted *Spring 2016*

RESEARCH POSITIONS

CLIC Lab, Cornell University and Cornell Tech *May 2017-present*

Graduate Research Assistant *New York City, NY*

- Various research projects in language grounding and understanding of language in context.
- Advisor: Dr Yoav Artzi

Department of Linguistics, OSU *September 2015-August 2016*

Research Assistant *Columbus, OH*

- Research in detecting inconsistencies in annotation of universal dependencies in corpora of sentences in over 30 languages.
- Advisor: Dr Marie-Catherine de Marneffe

Google *May-August 2015*

Software Engineering Intern *Mountain View, CA*

- Open-ended research project to improve negative keyword suggestions for Adwords Express campaigns.
- Used a variety of machine learning techniques and tools to improve the quality of suggestions.
- Advisor: Dr Yun Zeng

Cognitive Systems Engineering Lab, ISE department at OSU January-December 2014
Research Assistant *Columbus, OH*

- Developed a study in Unity/C# to evaluate participant's ability to judge reachability for an autonomous robot in a virtual environment.
- Advisor: Taylor Murphy

TEACHING EXPERIENCE

Department of Computer Science, Cornell August-December 2016
Graduate Teaching Assistant *Ithaca, NY*

- CS 4700, Foundations of Artificial Intelligence, taught by Dr Bart Selman.

Department of Computer Science & Engineering, OSU January-April 2016
Grader *Columbus, OH*

- CSE 5525, Speech and Language Processing, taught by Dr Alan Ritter.

OTHER SOFTWARE ENGINEERING EXPERIENCE

Software Engineering Intern at **Google** (Shopping Team) in Pittsburgh, PA Summer 2014
 Vuo Development Intern at **Kosada** in Athens, OH Summer 2013
 iOS Development Intern at **Kosada** in Athens, OH Summer 2012

SERVICE

Reviewer for **Empirical Methods on Natural Language Processing** Spring 2017
 ESL tutor at **Literacy Source** in Seattle, WA Summer 2016
 Peer mentor for the **Department of Computer Science and Engineering** at OSU Autumn 2015
 Organizer and instructor of **Columbus North International School robotics club** in Columbus, OH Autumn 2014-Spring 2016
 iOS instructor for the **MMC Scholars program** at OSU Autumn 2012-Spring 2014

PUBLICATIONS

Stephanie Zhou*, **Alane Suhr***, and Yoav Artzi. 2017. Visual reasoning with natural language. To appear in *AAAI Fall Symposium on Natural Communication for Human-Robot Collaboration*. *Equal contribution.

Alane Suhr, Mike Lewis, James Yeh, and Yoav Artzi. 2017. A corpus of natural language for visual reasoning. In *Proceedings of the Association for Computational Linguistics*.