

ALANE SUHR

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RESEARCH INTERESTS

Natural language processing: conversational natural language understanding; language grounding.

EDUCATION

Cornell University August 2016-present

Ph.D. in Computer Science

Advisor: Yoav Artzi

Ohio State University August 2012-May 2016

Honors B.S. in Computer Science & Engineering

Minor in Linguistics

GPA: 3.953; Summa Cum Laude

RESEARCH POSITIONS

CLIC Lab, Cornell University and Cornell Tech May 2017-present
Graduate Research Assistant *New York, NY*

- Developing methods for understanding natural language in context, e.g. a conversation.
- Creating datasets for studying challenging language grounding problems.
- Advisor: Yoav Artzi

Department of Linguistics, Ohio State University September 2015-August 2016
Research Assistant *Columbus, OH*

- Research in detecting inconsistencies in the Universal Dependencies corpus.
- Advisor: Marie-Catherine de Marneffe

PUBLICATIONS

Alane Suhr and Yoav Artzi. 2018. Situated mapping of sequential instructions to actions with single-step reward observation. To appear in *Proceedings of the Association for Computational Linguistics*.

Alane Suhr, Srinivasan Iyer, and Yoav Artzi. 2018. Learning to map context-dependent sentences to executable formal queries. To appear in *Proceedings of the Conference of the North American Chapter of the Association for Computational Linguistics*.

Stephanie Zhou*, **Alane Suhr***, and Yoav Artzi. 2017. Visual reasoning with natural language. In *AAAI Symposium on Natural Communication for Human-Robot Collaboration*.

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

**Equal contribution*

HONORS

Fellowships

NSF Graduate Research Fellowship Program Spring 2018
Microsoft Research Women's Fellowship Spring 2017
Eminence Fellowship Autumn 2012-Spring 2016

Research grants, other funding

AI2 Key Scientific Challenges Program Autumn 2017
ParlAI Research Award Autumn 2017
AWS Cloud Credits for Research Spring 2017

Paper awards

Outstanding Paper at NAACL 2018 Spring 2018
Outstanding Paper and Best Resource Paper at ACL 2017 Summer 2017

Other recognitions

NDSEG Fellowship Top-200 Finalist Spring 2018

TEACHING AND MENTORSHIP

Courses

CS 5740 Natural Language Processing (GTA) Spring 2018
CS 4700 Foundations of Artificial Intelligence (GTA) Autumn 2016

Mentorship

Women in Technology New York undergraduate internship supervisor Summer 2017-present
Columbus North International School robotics club co-organizer Autumn 2014-Spring 2016

PROFESSIONAL SERVICE

Peer review

Conference on Computational Linguistics (COLING) Spring 2018
Association for Computational Linguistics (ACL) Spring 2018
various **ACL Workshops** (Student Research Workshop, GenDeep) Spring 2018
Association for the Advancement of Artificial Intelligence (AAAI) Autumn 2017
Empirical Methods on Natural Language Processing (EMNLP) Spring 2017

Organizations

Co-Organizer of **Cornell Tech CS PhD Visit Day** Winter 2018

SOFTWARE ENGINEERING EXPERIENCE

Google Software Engineering Intern (Adwords Express) Mountain View, CA; Summer 2015
Google Software Engineering Intern (Shopping) Pittsburgh, PA; Summer 2014
Kosada Software Development Intern (Vuo) Athens, OH; Spring 2013
Kosada iOS Development Intern Athens, OH; Spring 2012