

Computer Science & Engineering  
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## Education

### University of Washington

Sep 2013 –

Ph.D. in Computer Science

*Area:* Natural Language Processing, Question Answering

*Advisers:* Hannaneh Hajishirzi, Ali Farhadi

### University of Washington

Sep 2013 – Dec 2015

M.S. in Computer Science

### University of California, Berkeley

Aug 2008 – May 2012

B.S. in Electrical Engineering & Computer Science

*Cumulative GPA:* 3.94/4.0

## Publications

- [10] Aniruddha Kembhavi, Minjoon Seo, Dustin Schwenk, Jonghyun Choi, Hannaneh Hajishirzi, and Ali Farhadi. “Are you smarter than a sixth grader? Textbook question answering for multimodal machine comprehension”. In: *CVPR*. 2017.
- [9] Omer Levy, Minjoon Seo, Eunsol Choi, and Luke Zettlemoyer. “Zero-shot relation extraction via reading comprehension”. In: *CoNLL*. 2017.
- [8] Sewon Min, Minjoon Seo, and Hannaneh Hajishirzi. “Question answering through transfer learning from fine-grained supervision data”. In: *ACL*. 2017.
- [7] Minjoon Seo, Aniruddha Kembhavi, Ali Farhadi, and Hannaneh Hajishirzi. “Bidirectional attention flow for machine comprehension”. In: *ICLR*. 2017.
- [6] Minjoon Seo, Sewon Min, Ali Farhadi, and Hannaneh Hajishirzi. “Query-reduction networks for question answering”. In: *ICLR*. 2017.
- [5] Aniruddha Kembhavi, Mike Salvato, Eric Kolve, Minjoon Seo, Hannaneh Hajishirzi, and Ali Farhadi. “A diagram is worth a dozen images”. In: *ECCV*. 2016.
- [4] Minjoon Seo, Hannaneh Hajishirzi, Ali Farhadi, Oren Etzioni, and Clint Malcolm. “Solving geometry problems: combining text and diagram interpretation”. In: *EMNLP*. 2015.
- [3] Lilian de Greef, Mayank Goel, Minjoon Seo, Eric C Larson, James W Stout, James A Taylor, and Shwetak N Patel. “Bilicam: using mobile phones to monitor newborn jaundice”. In: *UbiComp*. 2014.
- [2] Minjoon Seo, Hannaneh Hajishirzi, Ali Farhadi, and Oren Etzioni. “Diagram understanding in geometry questions”. In: *AAAI*. 2014.
- [1] David Moore, Kevin Mayeda, Steve Myers, Minjoon Seo, and Stuart Russell. “Progress in signal-based bayesian monitoring”. In: *The 2012 monitoring research review: ground-based nuclear explosion monitoring technologies*. 2012.

## Employment

**Google Research** @ New York City, United States

Jun – Sep 2017

*Research Intern (mentor: Tom Kwiatkowski)*

Worked on a log-time question answering model (work in progress).

**Allen Institute for Artificial Intelligence**

Jun – Sep 2016

*Research Intern (mentors: Ani Kembhavi, Ali Farhadi)*

Worked on a neural question answering model, BiDAF, one of early state-of-the-art systems for SQuAD [7].

**Allen Institute for Artificial Intelligence**

Mar – Jun 2015, Jun – Sep 2014

*Research Intern (mentors: Ali Farhadi, Oren Etzioni)*

Worked on an automated solver for geometry problems in the US college entrance exam (SAT) [2, 4].

**Oracle** @ Santa Clara, United States

Aug 2012 – May 2013

*Software Engineer*

Developed tools for verifying the operating system of Oracle’s switches.

**Symantec** @ Mountain View, United States

May – Aug 2011

*Software Engineering Intern*

Developed tools for debugging Semantic Enterprise Protection.

## Honors and Awards

- Travel Award, ICLR 2017
- Best Paper Nomination [3], UbiComp 2014
- Graduated with Highest Honors (Summa cum Laude), UC Berkeley, 2012

## Invited Talks

- University of Southern California (Oct 2017)
- Kakao Brain, Seoul National University, Qualcomm, Samsung AIT, Naver Clova @ Korea (May – Jun 2017)
- Rework Machine Intelligence Summit @ San Francisco, United States (23 Mar 2017)
- University of Washington / Microsoft Research NLP Symposium @ Seattle, United States (2 Dec 2016)
- SKT T-Brain, Samsung AI Lab @ Korea (Sep 2016)

## Services

- Reviewer: ACL (2017, 2016), EMNLP (2017), ICLR (2018), AAAI (2018), NIPS (2016), NAACL SRW (2016)
- Secondary Reviewer: EMNLP (2016), ECCV (2016), AAAI (2016, 2015, 2014)
- Teaching Assistant: Graduate Natural Language Processing (Wi 2017)
- UW CSE Ph.D. Admission Committee (2017)
- UW NLP Group Retreat Organizing Committee (2017)

## References

Available upon request.