

# Yizhong Wang

PhD student, University of Washington

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## EDUCATION

**University of Washington**, Seattle, USA . . . . . *Sep 2019 - Present*

Ph.D. student in Computer Science

Advisors: Hannaneh Hajishirzi, Noah Smith

**Peking University**, Beijing, China . . . . . *Sep 2016 - July 2019*

M.S. in Computer Science

Advisor: Sujian Li

**Shanghai Jiao Tong University**, Shanghai, China . . . . . *Sep 2012 - July 2016*

B.S. in Computer Science and Technology (IEEE Honored Class)

Advisor: Kenny Q. Zhu

## RESEARCH INTERESTS

- **Question Answering:** [4, 6, 8]
- **Machine Reasoning over Unstructured Data:** [8, 9]
- **Out-of-distribution Generalization with Human Guidance**

## WORK EXPERIENCE

**Allen Institute for Artificial Intelligence** . . . . . *Oct 2018 - Feb 2019*

Research Intern, working on complex question answering and numerical reasoning.

Advisors: Matt Gardner, Sameer Singh

**Microsoft Research Asia** . . . . . *May 2018 - Sep 2018*

Research Intern, working on developing SOTA machine reading comprehension (MRC) systems.

Advisor: Furu Wei

**Baidu NLP** . . . . . *June 2017 - Feb 2018*

Research Intern, working on building Chinese MRC dataset and multi-passage MRC models.

Advisors: Kai Liu, Yajuan Lyu

**TouchPal Smart Input** . . . . . *Nov 2015 - Mar 2016*

Software Engineer Intern, working on language models for low-resource languages.

Advisor: Lin Zou

## SCHOLARSHIPS, AWARDS & HONORS

Outstanding Paper Award of ACL 2017

Founder Scholarship, 2017

Chun-Tsung Scholarship (established by Nobel Prize laureate T. D. Lee), 2016

Outstanding Graduate of Shanghai Jiao Tong Univ., 2016

Xindong Scholarship, 2013 / 2015

## TEACHING EXPERIENCE

- Introduction to Artificial Intelligence**, Peking University . . . . . Summer 2018  
Teaching Assistant, Instructor: Vincent Ng
- Discrete Math**, Peking University . . . . . Fall 2016 / Fall 2017  
Teaching Assistant, Instructor: Sujian Li

## PROFESSIONAL SERVICE

- Reviewer*: ACL 2019-20, AAAI 2020, EMNLP 2019, \*SEM 2019, CCL 2019  
*Organizing Committee*: ACL 2020 Student Research Workshop

## PUBLICATIONS

- [9] Do Neural NLP Models Know Numbers? Probing Numeracy in Embeddings  
Eric Wallace\*, **Yizhong Wang**\*, Sujian Li, Sameer Singh and Matt Gardner  
*EMNLP-IJCNLP*, 2019
- [8] DROP: A Reading Comprehension Benchmark Requiring Discrete Reasoning Over Paragraphs  
Dheeru Dua, **Yizhong Wang**, Pradeep Dasigi, Gabriel Stanovsky, Sameer Singh, Matt Gardner  
*NAACL*, 2019
- [7] Toward Fast and Accurate Neural Discourse Segmentation  
**Yizhong Wang**, Sujian Li  
*EMNLP*, 2018, Oral.
- [6] Multi-Passage Machine Reading Comprehension with Cross-Passage Answer Verification  
**Yizhong Wang**, Kai Liu, Jing Liu, Wei He, Yajuan Lyu, Hua Wu, Sujian Li, Haifeng Wang  
*ACL*, 2018, Oral.
- [5] Bag-of-Words as Target for Neural Machine Translation  
Shuming Ma, Xu Sun, **Yizhong Wang**, Junyang Lin  
*ACL*, 2018, Poster.
- [4] DuReader: a Chinese Machine Reading Comprehension Dataset from Real-world Applications  
Wei He, Kai Liu, Jing Liu, Yajuan Lyu, Shiqi Zhao, Xinyan Xiao, Yuan Liu, **Yizhong Wang**, Hua Wu, Qiaoqiao She, Xuan Liu, Tian Wu, Haifeng Wang  
*ACL Workshop on Machine Reading for Question Answering*, 2018
- [3] A Two-stage Parsing Method for Text-level Discourse Analysis  
**Yizhong Wang**, Sujian Li, Houfeng Wang  
*ACL*, 2017, Oral. (**Outstanding Paper Award**)
- [2] Tag-Enhanced Tree-Structured Neural Networks for Implicit Discourse Relation Classification  
**Yizhong Wang**, Sujian Li, Jingfeng Yang, Xu Sun and Houfeng Wang  
*IJCNLP*, 2017, Oral.
- [1] Towards Non-projective High-Order Dependency Parser  
Wenjing Fang, Kenny Q. Zhu, **Yizhong Wang**, Jia Tan.  
*COLING* 2016, System Demonstration