

# Yizhong Wang

PhD student, University of Washington

[yizhongw@cs.washington.edu](mailto:yizhongw@cs.washington.edu)  $\diamond$  [yizhong-wang.com](http://yizhong-wang.com)

## 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

Advisor: Kenny Q. Zhu

## RESEARCH INTERESTS

- **Robustness and generalizability of NLP models:** [15, 10]
- **Question answering and knowledge-grounded NLP:** [13, 11, 8, 6, 4]
- **Analyzing NLP datasets and models:** [14, 10, 9]

## WORK EXPERIENCE

**Facebook AI Research** . . . . . *Sep 2021 - Dec 2021*

Research Intern, Mentor: Sebastian Riedel

**Allen Institute for Artificial Intelligence** . . . . . *Dec 2020 - May 2021*

Part-time Research Intern, Collaborators: Tushar Khot, Ashish Sabharwal

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

Research Intern, Mentors: Matt Gardner, Sameer Singh

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

Research Intern, Mentor: Furu Wei

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

Research Intern, Mentors: Kai Liu, Yajuan Lyu

## SELECTED AWARDS & SCHOLARSHIPS

Best Paper Award of CCL 2020

Outstanding Paper Award of ACL 2017

Founder Scholarship, 2017

Outstanding Graduate of Shanghai Jiao Tong Univ., 2016

Chun-Tsung Scholar (established by Nobel Prize laureate Tsung-Dao Lee), 2016

## ACADEMIC SERVICES

### *Teaching Assistant:*

- NLP Capstone, University of Washington, Spring 2022
- Introduction to Artificial Intelligence, Peking University, Summer 2018
- Discrete Math, Peking University, Peking University, Fall 2016 / Fall 2017

*Reviewer:* ARR 2021-22, ACL 2019-21, EMNLP 2019-21, NAACL 2020-21, NeurIPS 2021, AAAI 2020-21, AKBC 2020

*Co-organizer:* ACL 2020 Student Research Workshop

## PUBLICATIONS (Google Scholar, \* indicates equal contribution.)

- [15] Benchmarking Generalization via In-Context Instructions on 1,600+ Language Tasks  
**Yizhong Wang\***, Swaroop Mishra\*, Pegah Alipoormolabashi, Yeganeh Kordi, ..., Chitta Baral, Yejin Choi, Hannaneh Hajishirzi, Noah A. Smith, Daniel Khashabi  
*arXiv*, 2022
- [14] Probing Across Time: What Does RoBERTa Know and When?  
Leo Z. Liu\*, **Yizhong Wang\***, Jungo Kasai, Hannaneh Hajishirzi, Noah A. Smith  
*EMNLP Findings*, 2021
- [13] MultiModalQA: Complex Question Answering over Text, Tables and Images  
Alon Talmor, Ori Yoran, Amnon Catav, Dan Lahav, **Yizhong Wang**, Akari Asai, Gabriel Ilharco, Hannaneh Hajishirzi, Jonathan Berant  
*ICLR*, 2021
- [12] Automated Lay Language Summarization of Biomedical Scientific Reviews  
Yue Guo, Wei Qiu, **Yizhong Wang**, Trevor Cohen  
*AAAI*, 2021
- [11] LiveQA: A Question Answering Dataset over Sports Live  
Qianying Liu, Sicong Jiang, **Yizhong Wang**, Sujian Li  
*CCL*, 2020 (**Best Paper Award**)
- [10] Dataset Cartography: Mapping and Diagnosing Datasets with Training Dynamics  
Swabha Swayamdipta, Roy Schwartz, Nicholas Lourie, **Yizhong Wang**, Hannaneh Hajishirzi, Noah A. Smith and Yejin Choi  
*EMNLP*, 2020
- [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.

- [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.
- [5] Bag-of-Words as Target for Neural Machine Translation  
Shuming Ma, Xu Sun, **Yizhong Wang**, Junyang Lin  
*ACL*, 2018.
- [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. (**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.
- [1] Towards Non-projective High-Order Dependency Parser  
Wenjing Fang, Kenny Q. Zhu, **Yizhong Wang**, Jia Tan.  
*COLING* 2016, System Demonstration.