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 and Reasoning**: [8, 6, 4]
- **Representation Learning and Analysis**: [9]
- **Discourse Parsing**: [7, 3, 2]
- **Generalization of NLP models**

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 building state-of-the-art 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

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, EMNLP 2019-20, AAAI 2020, AKBC 2020, AACL 2020, *SEM 2019, CCL 2019

Co-organizer: 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.