

Qinyuan Ye

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Research Interests

Natural Language Processing

- Keywords: Annotation-efficient NLP with high-level human supervision, distant supervision and meta-learning; Learning from Explanations; Information Extraction; Question Answering.

Education

Department of Computer Science, University of Southern California Ph.D. Student in Computer Science, Advisor: Prof. Xiang Ren	Los Angeles, U.S. 8/2019–Present
Department of Automation, Tsinghua University B.Eng. in Automation	Beijing, China 8/2015–7/2019

Preprint

Semi-Automated Protocol Disambiguation and Code Generation [\[arXiv\]](#)

Jane Yen, Tamás Lévai, **Qinyuan Ye**, Xiang Ren, Ramesh Govindan, Barath Raghavan

Publications

Teaching Machine Comprehension with Compositional Explanations [\[Paper\]](#) [\[Homepage\]](#)

Qinyuan Ye, Xiao Huang, Elizabeth Boschee, Xiang Ren

In Proceedings of Findings of EMNLP 2020.

Learning from Explanations with Neural Module Execution Tree [\[Paper\]](#) [\[Homepage\]](#)

Ziqi Wang*, Yujia Qin*, Wenxuan Zhou, Jun Yan, **Qinyuan Ye**, Leonardo Neves, Zhiyuan Liu, Xiang Ren

In Proceedings of ICLR 2020.

Looking Beyond Label Noise: Shifted Label Distribution Matters in Distantly Supervised Relation Extraction [\[Paper\]](#) [\[Github\]](#)

Qinyuan Ye*, Liyuan Liu*, Maosen Zhang, and Xiang Ren

In Proceedings of EMNLP-IJCNLP 2019 (Oral).

Internship

Research Intern (Remote) AI Integrity @ Facebook AI Mentor: Madian Khabsa; Team Lead: Hao Ma	Seattle, WA, U.S. 5/2020–8/2020
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- Keywords: Meta-learning, Implicit Knowledge in Pre-trained Language Models

Software Engineering Intern in Machine Learning

TensorFlow Lite @ Google

Host: Tian Lin, Xunkai Zhang; Team Lead: Shuangfeng Li

Beijing, China
3/2019–7/2019

Honors and Awards

Annenberg Fellowship , University of Southern California	02/2019
China National Scholarship , Ministry of Education, P.R. China	10/2017, 10/2018
POSCO Asia Fellowship , POSCO TJ Park Foundation	10/2016
Bronze Prize , National Olympiad in Informatics, China Computer Federation	7/2014

Skills

Programming: Proficient in C, C++, Matlab, Python and \LaTeX ; Capable of C#, SQL, Scala, Verilog

Toolkits and Frameworks: Git, PyTorch, TensorFlow/Keras, numpy, pandas