

Jun Yan

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RESEARCH INTERESTS

Natural Language Processing, Information Extraction, Knowledge Graph.

EDUCATION

University of Southern California

Ph.D. in Computer Science

○ Advisor: Prof. Xiang Ren

Los Angeles, California

Aug 2019 - Present

Tsinghua University

B.Eng. in Electronic Engineering

Beijing, China

Aug 2015 - Jul 2019

PUBLICATIONS AND MANUSCRIPTS

(* indicates equal contribution)

PUBLICATIONS

- Learning from Explanations with Neural Module Execution Tree
In *Proceedings of the 7th International Conference on Learning Representations (ICLR'20)*
Yujia Qin*, Ziqi Wang*, Wenxuan Zhou, **Jun Yan**, Qinyuan Ye, Xiang Ren, Leonardo Neves, Zhiyuan Liu
- Learning Dual Retrieval Module for Semi-supervised Relation Extraction
In *Proceedings of the Web Conference 2019 (TheWebConf'19)*
Hongtao Lin, **Jun Yan**, Meng Qu, Xiang Ren
- Language Modeling with Sparse Product of Sememe Experts
In *Proceedings of the 2018 Conference on Empirical Methods in Natural Language Processing (EMNLP'18)*
Yihong Gu*, **Jun Yan***, Hao Zhu*, Zhiyuan Liu, Ruobing Xie, Maosong Sun, Fen Lin, Leyu Lin

MANUSCRIPTS

- Under review of the 57th Annual Meeting of the Association for Computational Linguistics (ACL'20)
Yanlin Feng*, Xinyue Chen*, Bill Yuchen Lin, **Jun Yan**, Xiang Ren

Research Experience

MSIIP Lab (Multimedia Signal and Intelligent Information Processing Lab)

Oct 2018 – Jun 2019

- Advisor: Prof. Ji Wu.
- I worked on my thesis project, which focuses on machine translation in the low-resource medical domain.

INK Lab (Intelligence and Knowledge Discovery Research Lab)

Jul 2018 - Sep 2018

- Advisor: Prof. Xiang Ren.
- We proposed a dual learning framework for semi-supervised relation extraction.

NLP Lab (Natural Language Processing Lab)

Nov 2017 - Apr 2018

- Advisor: Prof. Zhiyuan Liu.
- We proposed a language model incorporating sememe knowledge for better performance and interpretability.

HONORS AND AWARDS

- My project on **commonsense reasoning** receives support from Abode Data Science Research Award (\$50,000), PI: Prof. Xiang Ren. 2019.
- Annenberg Fellowship, University of Southern California. 2019.
- Excellent Graduate, Tsinghua University. 2019.
- Samsung/JJWorld/Evergrande Scholarship, Tsinghua University. 2016/2017/2018.