

# Jun Yan

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🌐 junyann.github.io

## RESEARCH INTERESTS

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Natural Language Processing, Information Extraction, Knowledge Graph.

## EDUCATION

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**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

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(\* indicates equal contribution)

### PUBLICATIONS

- Learning from Explanations with Neural Module Execution Tree  
In *Proceedings of the 7th International Conference on Learning Representations (ICLR'20)*  
Ziqi Wang\*, Yujia Qin\*, Wenxuan Zhou, **Jun Yan**, Qinyuan Ye, Leonardo Neves, Zhiyuan Liu, Xiang Ren
- 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 2020 Conference on Empirical Methods in Natural Language Processing (EMNLP'20)  
Yanlin Feng\*, Xinyue Chen\*, Bill Yuchen Lin, Peifeng Wang, **Jun Yan**, Xiang Ren

## Research Experience

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**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

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- My project on **commonsense reasoning** received 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.