# Jun Yan

✉ yanjun@usc.edu    🌐 junyann.github.io

## RESEARCH INTERESTS

Natural Language Processing, Information Extraction, Knowledge Graph.

## EDUCATION

**University of Southern California**                                    **Los Angeles, California**
*Ph.D. in Computer Science*                                                      *Aug 2019 - Present*
- Advisor: Prof. Xiang Ren

**Tsinghua University**                                                               **Beijing, China**
*B.Eng. in Electronic Engineering*                                              *Aug 2015 - Jul 2019*

## PUBLICATIONS AND MANUSCRIPTS

(* indicates equal contribution)
**PUBLICATIONS**
- Learning from Explanations with Neural Module Execution Tree
  To appear 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.