

# Jun Yan

✉ yanjun@usc.edu

🌐 junyann.github.io

## RESEARCH INTERESTS

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Commonsense Reasoning, 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 PREPRINTS

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(\* indicates equal contribution)

### PREPRINTS

- Learning Contextualized Knowledge Structures for Commonsense Reasoning  
*arXiv:2010.12873* (short version in *KR2ML@NeurIPS'20*)

**Jun Yan**, Mrigank Raman, Tianyu Zhang, Ryan Rossi, Handong Zhao, Sungchul Kim, Nedim Lipka, Xiang Ren

### PUBLICATIONS

- Scalable Multi-Hop Relational Reasoning for Knowledge-Aware Question Answering  
*In Proceedings of EMNLP'20*  
Yanlin Feng\*, Xinyue Chen\*, Bill Yuchen Lin, Peifeng Wang, **Jun Yan**, Xiang Ren
- Learning from Explanations with Neural Execution Tree  
*In Proceedings of 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 TheWebConf'19*  
Hongtao Lin, **Jun Yan**, Meng Qu, Xiang Ren
- Language Modeling with Sparse Product of Sememe Experts  
*In Proceedings of EMNLP'18*  
Yihong Gu\*, **Jun Yan**\*, Hao Zhu\*, Zhiyuan Liu, Ruobing Xie, Maosong Sun, Fen Lin, Leyu Lin

## WORK EXPERIENCE

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**Applied Scientist Intern @ Amazon**

*Jun 2020 – Nov 2020*

- Product Graph Team (Manager: Luna Dong)
- I developed a value extraction model that can jointly handle the value extraction of many attributes. The model demonstrates strong scalability with respect to the number of attributes and achieves improved performance with knowledge sharing across all attributes. My project is selected as one of the top 4 (out of 10+) intern projects on the team for 2020.

## 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.