Jun Yan

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RESEARCH INTERESTS

Commonsense Reasoning, Information Extraction, Robustness.

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 PREPRINTS

(* indicates equal contribution)

PUBLICATIONS

- RockNER: A Simple Method to Create Adversarial Examples for Evaluating the Robustness of Named Entity Recognition Models
  To appear in *Proceedings of EMNLP'21*
  Bill Yuchen Lin, Wenyang Gao, **Jun Yan**, Ryan Moreno and Xiang Ren

- AdaTag: Multi-Attribute Value Extraction from Product Profiles with Adaptive Decoding
  In *Proceedings of ACL-IJCNLP'21*
  Jun Yan, Nasser Zalmout, Yan Liang, Christan Grant, Xiang Ren, Xin Luna Dong

- Learning Contextualized Knowledge Structures for Commonsense Reasoning
  In *Findings of ACL-IJCNLP'21* (short version in *KR2ML@NeurIPS'20*)
  Jun Yan, Mrigank Raman, Aaron Chan, Tianyu Zhang, Ryan Rossi, Handong Zhao, Sungchul Kim, Nedim Lipka, Xiang Ren

- 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

Applied Scientist Intern @ Amazon   *Jun 2020 – Nov 2020*
- Product Graph Team (Manager: Xin 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 was selected as one of the top 4 (out of 10+) intern projects on the team for 2020.

HONORS AND AWARDS

- Annenberg Fellowship, University of Southern California. 2019.
- Excellent Graduate, Tsinghua University. 2019.
- Samsung/JJWorld/Evergrande Scholarship, Tsinghua University. 2016/2017/2018.