WENXUAN ZHOU

3710 McClintock Ave, Los Angeles, CA 90089 | 213-245-4248 | zhouwenx@usc.edu

EDUCATION

University of Southern California, Department of Computer Science — Los Angeles, CA
Ph.D. student in Computer Science — Sept. 2018 – Present
Advisor: Jay Pujara

Hong Kong University of Science and Technology, Department of Computer Science — Kowloon, Hong Kong
Bachelor of Science in Computer Science and Applied Mathematics — Sept. 2014 – May 2018

University of Illinois at Urbana-Champaign — Champaign, IL
Exchange Student in Computer Science — Jan. 2017 – May 2017

HONORS AND AWARDS

Best Paper Honorable Mention Award, WWW 2020 — 2020
USC Annenberg Fellowship — 2018 - 2019
Continuing Undergraduate Scholarship for Academic Excellence — 2015 - 2017
Dean's List, School of Engineering, HKUST — 2014 - 2017
School of Engineering Scholarship, HKUST — 2014

PUBLICATIONS

1. **Wenxuan Zhou**, Kevin Huang, Tengyu Ma, Jing Huang. Document-Level Relation Extraction with Adaptive Thresholding and Localized Context Pooling. AAAI 2021.
2. **Wenxuan Zhou**, Bill Yuchen Lin, Xiang Ren**.** IsoBN: Fine-Tuning BERT with Isotropic Batch Normalization. AAAI 2021.
3. **Wenxuan Zhou**, Hongtao Lin, Bill Yuchen Lin, Ziqi Wang, Junyi Du, Leonardo Neves, Xiang Ren. NERO: A Neural Rule Grounding Framework for Label-Efficient Relation Extraction. WWW 2020. (**Best Paper Honorable Mention Award**)
4. Ziqi Wang*, Yujia Qin*, **Wenxuan Zhou**, Jun Yan, Qinyuan Ye, Leonardo Neves, Zhiyuan Liu, Xiang Ren. Learning to Annotate: Modularizing Data Augmentation for Text Classifiers with Natural Language Explanations. ICLR 2020.
5. Ziqian Zeng, **Wenxuan Zhou**, Xin Liu, Yangqiu Song. A Variational Approach to Weakly Supervised Document-Level Multi-Aspect Sentiment Classification. NAACL-HLT 2019.

WORK EXPERIENCE

JD AI Research — Mountain View, CA
Research Intern — May 2020 – Aug. 2020

- Resolve the multi-entity multi-label problems in document-level relation extraction.

Bytedance AI Lab — Beijing, China
Research Intern — May 2019 – July 2019

- Designed a universal method for improving performance of fine-tuned sentence encoders (e.g. BERT).

Hong Kong University of Science and Technology — Kowloon, Hong Kong
Research Assistant to Prof. Yangqiu Song — July 2017 – Feb. 2018

- Designed neural models on cloze-style machine reading comprehension task. Reimplemented R-Net on SQuAD dataset.
- Studied weakly-supervised multi-aspect semantic analysis. We proposed a variational approach to predict aspect-level sentiment polarity with overall sentiment polarity as weak supervision.

PROJECTS

Reimplementation of R-Net — 500+ ★

- A Tensorflow reimplementation of paper "R-Net: Machine Reading Comprehension with Self-Matching Networks". The first Github repository that succeeds in reproducing reported results.
- Code available at https://github.com/HKUST-KnowComp/R-Net.

SERVICE

Conference Reviewer: ICLR 2019 LLD, ACL 2019 Repl4NLP, EMNLP 2019 / 2020, AAAI 2020 / 2021, ACL 2020 / 2021, AACL 2020