

Erxin Yu

CONTACT INFORMATION

School of Artificial Intelligence
Jilin University
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RESEARCH INTERESTS

Natural Language Processing, Information Extraction, Language model, Topic Model

EDUCATION

Jilin University

M.S. in Artificial Intelligence (Sep. 2019 - present)

- Supervisor: Prof. Yi Chang

B.S. in College of Software (National Excellent Engineer Program) (Sep. 2015 - June 2019)

- Ave. Score: 88.44/100. GPA: 3.57/4.

RESEARCH EXPERIENCE

Research Assistant

December 2020 - Present

Machine Learning Group, Monash University
Supervisor: Prof. Wray Buntine and Prof. Du Lan
Research Area: Topic Model, Pre-trained Language Model.

Research Assistant

March 2020 - October 2020

National University of Singapore
Supervisor: Dr. Wenjuan Han
Research Area: Relation Extraction, Hierarchical Classification.

Research Intern

July 2018 - Aug. 2019

Poisson Lab (2012 Lab), Huawei Research, Beijing, China
Supervisor: Dr. Yantao Jia
Research Area: Knowledge Graph, Relation Extraction, Event Extraction.

Research Service

Serve as a Reviewer for:

- Journals: IEEE TKDE, Elsevier Neurocomputing
- Conferences: AAAI, IJCAI, EMNLP, CIKM, ICDM.

PUBLICATIONS

- **Erxin Yu**, Wenjuan Han, Yuan Tian, Yi Chang, “ToHRE: A Top-Down Classification Strategy with Hierarchical BagRepresentation for Distantly Supervised Relation Extraction”, in *Proceedings of the 28th International Conference on computational Linguistics (COLING 2020)*, Barcelona, Spain, December 2020. (Virtual Event).
- **Erxin Yu**, Yantao Jia, Shang Wang, Fengfu Li, Yi Chang, “Context and Type Enhanced Representation Learning for Relation Extraction”, in *11th IEEE International Conference on Knowledge Graph (ICKG 2020)*, Nanjing, China, August 2020. (Virtual Event).
- **Erxin Yu**, Yantao Jia, Yuan Tian, Yi Chang, “A Two-Level Noise-Tolerant Model for Relation Extraction with Reinforcement Learning”, in *11th IEEE International Conference on Knowledge Graph (ICKG 2020)*, Nanjing, China, August 2020. (Virtual Event).
- Zhicheng Sheng, Danping Wu, Zelong Li, Wei Zhang, Jingchen Lu, Zeming Xu, Dong Liu, Shuo Guo, Yantao Jia, Zhepei Wei, **Erxin Yu**, Xiongfeng Xiao, Zhuo Wang, Jianyong Wang, “The Poisson multi-media knowledge construction System for TAC KBP 2018”, in *Proceedings of the 2018 Text Analysis Conference (TAC 2018)*, Gaithersburg, Maryland USA, November 2018.