

Minhao Jiang

RESEARCH ASSISTANT · MACHINE LEARNING RESEARCHER

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Research Area

Machine Learning, Data Mining, emphasizing on efficient, effective and explainable models for real-world applications.

Education

University of Illinois at Urbana Champaign

M.S. IN COMPUTER SCIENCE

Advised by: Prof. Jiawei Han

Urbana, IL, USA

Aug. 2022 - May. 2024 (Expected)

University of Illinois at Urbana Champaign

B.S. IN COMPUTER SCIENCE, B.S. IN MATHEMATICS (GPA: 3.91/4.0)

Advised by: Prof. Jiawei Han

Urbana, IL, USA

Aug. 2018 - May. 2022

Publications

1. Yunyi Zhang, **Minhao Jiang**, Yu Meng, Yu Zhang, Jiawei Han. *Weakly-Supervised Text Classification with Prompt-Enhanced Noise-Robust Self-Training*. Manuscript (Under Review)
2. Ming Zhong, Siru Ouyang, **Minhao Jiang**, Vivian Hu, Yizhu Jiao, Xuan Wang and Jiawei Han. *ReactIE: Enhancing Chemical Reaction Extraction with Weak Supervision*. Manuscript (Under Review)
3. Tanay Komarlu, Xuan Wang, **Minhao Jiang**, Jiawei Han. *OntoType: Ontology-Guided Fine-Grained Entity Typing with Weak Supervision from Pretrained Language Models*. Manuscript (Under Review)
4. Xuan Wang, Vivian Hu, **Minhao Jiang**, Yu Zhang, Jinfeng Xiao, Danielle Cherrice Loving, Heng Ji, Martin Burke, Jiawei Han. *ReactClass: Cross-Modal Supervision for Subword-Guided Reactant Entity Classification*. In 2021 IEEE Int. Conf. on Bioinformatics and Biomedicine (BIBM'2022)
5. **Minhao Jiang**, Xiangchen Song, Jieyu Zhang, Jiawei Han. *TaxoEnrich: Self-supervised Taxonomy Completion via Structure-Semantic Representations*. In The ACM Web Conference 2022 (WWW'2022)
6. Huajie Shao, Tarek Abdelzaher, Sam Cohen, James Flamino, Jiawei Han, **Minhao Jiang**, et al. *Simulating Online Social Response: A Stimulus/Response Perspective*. In 2021 Winter Simulation Conference (WSC'2021).

Working Experience

Data Mining Group

RESEARCH ASSISTANT

- Working on projects in Natural Language Processing, Text Mining, and Knowledge Representation.
- Advisor: Prof. Jiawei Han

Champaign, IL

May. 2021 - Present

Honors & Awards

2021-2022 **Tan Family Education Foundation Scholarship**, Grainger College of Engineering, UIUC

2021-2022 **Jefferey P. Blahut Memorial Scholarship**, Grainger College of Engineering, UIUC

2021-2022 **Yunni and Maxine Pao Memorial Scholarship**, Grainger College of Engineering, UIUC

2018-2022 **Dean's List**, Grainger College of Engineering and College of Liberal Arts & Sciences, UIUC

Champaign, IL

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Teaching Experience

Course Assistant CS 374: Algorithms and Models of Computation, UIUC, Fall 2020 - Spring 2022

Course Assistant CS 173: Discrete Structure, UIUC, Spring 2021

