

# YIMING WANG

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## 🎓 Education

**Beihang University**, Beijing, China

Sep.2019 – Jun.2023

B.S. in Institute of Artificial Intelligence (IAI)

GPA: Overall: 3.83/4.00 | Major: 93.10/100 | Final Ranking: 1/35

**Shanghai Jiao Tong University**, Shanghai, China

Sep.2023 – ?

Ph.D Candidate in Department of Computer Science and Engineering (CSE)

## 🐾 Experiences

**ACT Lab** Beihang University, Department of CSE

Nov.2021 – Present

Research Intern Manager: Jianxin Li

### [1] Graph Inference for Fact Checking

- Proposed an claim-evidence language graph model based on three progressive levels of tuple, fact and sentence.
- Comprehensively considered the semantic and structural information of the graph model, and used graph neural network for learning.
- Accepted as the second author at **ICDM 2022**.

### [2] Semi-supervised Extractive Summarization

- Used consistency regularization for the first time on the extractive summarization task.
- Introduced a pseudo-label selection method based on dynamic average entropy comparison, as well as a ramp-up pseudo-label exploration strategy.
- Integrated consistency regularization and pseudo-labeling mechanism into a final semi-supervised model.
- Accepted as the first author at **COLING 2022**.

## 📖 Publications

### [1] HiGIL: Hierarchical Graph Inference Learning for Fact Checking

- Qianren Mao, **Yiming Wang**, Chenghong Yang, Linfeng Du, Hongdong Zhu, Yuxin Ying, Hao Peng, Jianxin Li, Lihong Wang and Zheng Wang. 2022.
- In the 22<sup>nd</sup> IEEE International Conference on Data Mining. **ICDM 2022 (CCF-B)**.

### [2] Noise-injected Consistency Training and Entropy-constrained Pseudo Labeling for Semi-supervised Extractive Summarization

- **Yiming Wang**, Qianren Mao, Junnan Liu, Weifeng Jiang, Hongdong Zhu and Jianxin Li. 2022.
- In the 29<sup>th</sup> International Conference on Computational Linguistics. **COLING 2022 (CCF-B)**.

## 🏆 Honors and Awards

### Competition

- 3<sup>rd</sup> Prize of Beijing in "Internet+" Innovation and Entrepreneurship Competition 2022
- Honorable Winner, Mathematical Contest In Modeling 2022
- 2<sup>nd</sup> Prize of "Fengru Cup" Technology Competition in Beihang 2022
- 1<sup>st</sup> Prize of Beijing in "Lanqiao Cup" programming competition (C/C++ group) 2021
- 1<sup>st</sup> Prize of Beijing in National Mathematics Contest for College Students 2020

## Commendation

- Ministry of Education-Huawei "Future Star" Joint Commendation Scholarship (Speech by Student Representative) 2021
- Outstanding Teaching Assistant for Algebra Courses 2021
- *Grand Class* Scholarship for Academic Competition 2020
- *2<sup>nd</sup> Class* Scholarship for Outstanding Learning 2021
- *1<sup>st</sup> Class* Scholarship for Social Practice 2020

## Teaching Assistant

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Cognitive Basis	2022 Autumn
Advanced Algebra for Engineering ( <i>Shahe Road Campus</i> )	2022 Autumn
Advanced Algebra for Engineering ( <i>Xueyuan Road Campus</i> )	2021 Autumn
Advanced Algebra for Engineering ( <i>Xueyuan Road Campus</i> )	2020 Autumn

## Talking

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Paper Pre-Lecture for *COLING 2022* (Held by Chinese Information Processing Society of China, Youth Working Committee) Beijing, Sep.2022