

YIMING WANG

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🎓 Education

Shanghai Jiao Tong University, Shanghai, China Sep.2023 –
Ph.D. Candidate in Department of Computer Science and Engineering (CSE)
Supervisor: Rui Wang | Research Direction: Natural Language Processing

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

📖 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.
- Published in the 22nd 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.
- Published in the 29th International Conference on Computational Linguistics. **COLING 2022 (CCF-B)**.

[3] **On Element-aware Automatic Summarization: Expert-writing Test Set and Chain-of-Thought Method**

- **Yiming Wang**, Zhuosheng Zhang, Rui Wang. 2023.
- Under Review in the 61st Annual Meeting of the Association for Computational Linguistics. **ACL 2023 (CCF-A)**.

🐾 Experiences

ACT Lab Beihang University, Department of CSE Nov.2021 – Sep.2022
Research Intern Manager: Jianxin Li

[1] **Graph Inference for Fact Checking**

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

[2] **Semi-supervised Extractive Summarization**

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

🏆 Honors

Competition

- 3rd Prize of Beijing in "Internet+" Innovation and Entrepreneurship Competition 2022
- Honorable Winner, Mathematical Contest In Modeling 2022
- 2nd Prize of "Fengru Cup" Technology Competition in Beihang 2022
- 1st Prize of Beijing in "Lanqiao Cup" programming competition (C/C++ group) 2021
- 1st 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
- 2nd Class Scholarship for Outstanding Learning 2021
- 1st Class Scholarship for Social Practice 2020

📖 Teaching Assistant

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

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