

# Wenyu Jiang

## PERSONAL INFORMATION

---

**Ph.D. Student, School of Computer Science, Nanjing University, China**

**Homepage:** <https://lygjwy.github.io>

**Email:** lygjwy@smail.nju.edu.cn

**Phone:** (+86) 15951025160

**Date of Birth:** May 11, 1998

**Nationality:** China

**Gender:** Male

## EDUCATION

---

Sep 2020 - Present (expected Jul 2025)	<b>Ph.D., School of Computer Science, Nanjing University, China</b> Direct Admission without Entrance Examination Advisors: Prof. <a href="#">Chongjun Wang</a> and Prof. <a href="#">Junyuan Xie</a>
Sep 2016 - Jul 2020	<b>B.S., School of Software Engineering, Southeast University, China</b> Rank: <b>2/132</b> Advisor: Prof. <a href="#">Xiang Zhang</a>

## EXPERIENCE

---

- **Research Intern, Department of Statistic and Data Science, Southern University of Science and Technology**  
Shenzhen, China  
Advisors: [Hongxin Wei](#)  
Jun 2023 - Dec 2024
- **Software Development Engineering Intern, Web Experience Team, Microsoft Software Technology Center Asia**  
Suzhou, China  
Mentor: Yiliang Xiong  
Jul 2019 - Oct 2019

## RESEARCH INTERESTS

---

**Data-centric Artificial Intelligence, Large Language Models, Human-Agent Collaboration.**

Specifically, I am working on the following topics:

- Data Selection for Robust Foundation Models
- Data Selection for Efficient Foundation Models
- Data Annotation with Human-Agent Cooperation

## AWARDS & HONORS

---

- |   |      |
|---|------|
| • Financial Assistance Awardees by the ICLR Organizing Committee        | 2024 |
| • Postgraduate Excellence Scholarship by the Nanjing University         | 2023 |
| • National Scholarship by the China Ministry of Education               | 2018 |
| • National Encouragement Scholarship by the China Ministry of Education | 2017 |

## PROJECTS

---

- |  |             |
|--|-------------|
| • Data Quality Optimization Research for Foundation Models.          | 2023 - 2024 |
| • Common Technologies and Standards for Collaborative Crowdsourcing. | 2021 - 2022 |

## PUBLICATIONS

---

(<sup>†</sup>equal contribution; \*corresponding author)

### Published Papers

8. **Wenyu Jiang**, Zhenlong Liu, Zejian Xie, Songxin Zhang, Bingyi Jing, Hongxin Wei\*. Exploring Learning Complexity for Efficient Downstream Dataset Pruning. *Proceedings of the 13th International Conference on Learning Representations (ICLR'25)*.
7. MingCai Chen, Yuntao Du, **Wenyu Jiang**, Baoming Zhang, Shuai Feng, Yi Xin, Chongjun Wang\*. Robust Logit Adjustment for Learning with Long-Tailed Noisy Data. *Proceedings of the 39th AAAI Conference on Artificial Intelligence (AAAI'25)*.
6. Hongfu Gao, Feipeng Zhang, **Wenyu Jiang**, Jun Shu, Feng Zheng, Hongxin Wei\*. On the Noise Robustness of In-Context Learning for Text Generation. *Proceedings of the 38th Annual Conference on Neural Information Processing Systems (NeurIPS'24)*.
5. Jianqing Song, Jianguo Huang, **Wenyu Jiang**, Baoming Zhang, Shuangjie Li, Chongjun Wang\*. Similarity-Navigated Conformal Prediction for Graph Neural Networks. *Proceedings of the 38th Annual Conference on Neural Information Processing Systems (NeurIPS'24)*.
4. **Wenyu Jiang**, Hao Cheng, Mingcai Chen, Chongjun Wang, Hongxin Wei\*. DOS: Diverse Outlier Sampling for Out-of-distribution Detection. *Proceedings of the 12th International Conference on Learning Representations (ICLR'24)*.
3. Mingcai Chen, Hao Cheng, Yuntao Du, Ming Xu, **Wenyu Jiang**, Chongjun Wang\*. Two Wrongs Don't Make a Right: Combating Confirmation Bias in Learning with Label Noise. *Proceedings of the 37th AAAI Conference on Artificial Intelligence (AAAI'23)*.
2. **Wenyu Jiang**, Yuxin Ge, Hao Cheng, Mingcai Chen, Shuai Feng, Chongjun Wang\*. READ: Aggregating Reconstruction Error into Out-of-Distribution Detection. *Proceedings of the 37th AAAI Conference on Artificial Intelligence (AAAI'23)*.
1. Shuai Feng, **Wenyu Jiang**, Mingcai Chen, Yuntao Du, Hao Cheng, Yuxin Ge, Chongjun Wang\*. CESED: Exploiting Hyperspherical Predefined Evenly-Distributed Class Centroids for OOD Detection. *Proceedings of SIAM International Conference on Data Mining (SDM'23)*.

### Preprints

3. Zhenlong Liu, **Wenyu Jiang**, Feng Zhou, Hongxin Wei\*. Efficient Membership Inference Attacks by Bayesian Neural Network.
2. MingCai Chen, Baoming Zhang, Zongbo Han, Yuntao Du, **Wenyu Jiang**, Yanmeng Wang, Shuai Feng, Bingkun Bao\*. Test-Time Selective Adaptation for Uni-Modal Distribution Shift in Multi-Modal Data.
1. Xin Guo, **Wenyu Jiang**, Chenyou Fan, Yuntao Du, Zhenhao Shao, Wei Fang, Xiaojun Wu, Hengyang Lu\*. MuSIA: Exploiting Multi-Source Information Fusion with Abnormal Activations for Out-of-Distribution Detection.

## PATENTS

---

- **A Crowdsourcing Data Cleaning Method based on Noisy Label Learning.** 2021
- **Detecting Out-of-distribution Samples based on Data Enhancement.** 2021

## ACADEMIC SERVICES

---

- **Conference Reviewer:** AAAI'23, ICLR'24, NeurIPS'24, ICML'24, ICLR'25, ICML'25, NeurIPS'25
- **Journal Reviewer:** Neural Networks