Lin Long

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Education

Zhejiang University (ZJU), Zhejiang, China 2024 – Present

Master student in Computer Science and Technology at the College of Computer Science and Technology.

Zhejiang University (ZJU), Zhejiang, China 2020 – 2024

B.E. in Software Engineering at the College of Computer Science and Technology.
Overall GPA: **3.95/4.00**, the third year GPA: **4.00/4.00**, rank: **3/92**.

Research Interest

- My research primarily focuses on **representation learning** and **natural language processing**, exploring how to improve model architectures and learning algorithms for enhanced semantic understanding.
- I am currently deeply engaged in uncovering the secrets in **multimodal reasoning**, and developing next-generation **multimodal foundation models** that achieve seamless integration and synthesis of knowledge across diverse modalities (which I consider pivotal in the progression towards AGI).

Preprint

LLM Table Reading: Bridging the Semantic Gap Between Text and Table

***Lin Long**, Xijun Gu, Xinjie Sun, Wentao Ye, Haobo Wang, Sai Wu, Gang Chen, Junbo Zhao*

ICLR 2025 (under review)

tl;dr: To bridge the gap between tabular and textual information, we propose TNT, a table-language model that empowers LLMs with the ability to effectively and efficiently extract structure-enriched semantics from tabular data.

Publication (with * denoting equal contribution)

On LLMs-Driven Synthetic Data Generation, Curation and Evaluation: A Survey

***Lin Long**, Rui Wang, Ruixuan Xiao, Junbo Zhao, Xiao Ding, Gang Chen, Haobo Wang*

ACL 2024 (Findings)

tl;dr: A survey on LLMs-driven synthetic data generation, curation and evaluation.

Positive-Unlabeled Learning by Latent Group-Aware Meta Disambiguation

Lin Long, Haobo Wang*, Zhijie Jiang, Lei Feng, Chang Yao, Gang Chen, Junbo Zhao*

CVPR 2024

tl;dr: We propose LaGAM, a novel PU learning framework that incorporates a hierarchical contrastive learning module to extract the underlying grouping semantics within PU data and iteratively distills the true labels of unlabeled data through meta-learning.

Property Existence Inference against Generative Models

*Lijin Wang, Jingjing Wang, Jie Wan, **Lin Long**, Ziqi Yang, Zhan Qin*

USENIX Security '24

Honors and Awards

Outstanding Undergraduates of Zhejiang University 2024
Outstanding Bachelor's Thesis, Zhejiang University 2024
Xiaomi Scholarship 2023
Tencent Scholarship 2022

MISCELLANEOUS

- Languages: English - Fluent, Mandarin - Native speaker
- Programming Skills: Python, PyTorch, C, C++, LaTex, Java