Dongfu Jiang

✉ **Email**: dongfu.jiang@uwaterloo.ca   **GitHub**: jdf-prog

🏠**HomePage**: jdf-prog.github.io   **LinkedIn**: dongfu-jiang

Research interests   Natural Language Processing; Large Language Models; Ensemble Learning; Common Sense Reasoning

Education

University of Waterloo   Waterloo, Ontaria
PhD in Computer Science   Sep 2023 – Present
Advisor: Prof. Wenhu Chen.

Zhejiang University   HangZhou, Zhejiang
BE in Computer Science   Sep 2019 – June 2023
Advisor: Prof. Zhou Zhao. *GPA: 3.97/4.00.*

Publications

MANTIS: Interleaved Multi-Image Instruction Tuning
Dongfu Jiang, Xuan He, Huaye Zeng, and Cong Wei, Max Ku, Qian Liu, Wenhu Chen
arxiv preprint, 2024.

VIEScore: Towards Explainable Metrics for Conditional Image Synthesis Evaluation
Max Ku, Dongfu Jiang, Cong Wei, Xiang Yue, Wenhu Chen
ACL, 2024.

MMMU: A Massive Multi-discipline Multimodal Understanding and Reasoning Benchmark for Expert AGI
Xiang Yue, Yuansheng Ni, Kai Zhang, and Tianyu Zheng, Ruoqi Liu, Ge Zhang, Samuel Stevens, Dongfu Jiang, Weiming Ren, Yuxuan Sun, Cong Wei, Botao Yu, Ruibin Yuan, Renliang Sun, Ming Yin, Boyuan Zheng, Zhenzhu Yang, Yibo Liu, Wenhao Huang, Huan Sun, Yu Su, Wenhu Chen
*CVPR **Oral**, 2024.*

TIGERScore: Towards Building Explainable Metric for All Text Generation Tasks
Dongfu Jiang, Yishan Li, Ge Zhang, Wenhao Huang, Bill Yuchen Lin, Wenhu Chen
Transactions on Machine Learning Research, 2024.

LLM-Blender: Ensembling Large Language Models with Pairwise Ranking and Generative Fusion

<u>Dongfu Jiang</u>, Xiang Ren, Bill Yuchen Lin
ACL, 2023.

Experience	**Research Intern at Allen Institute of AI**

Research Intern at Allen Institute of AI
Advisor: (Bill) Yuchen Lin, Qianhui Qin   June 2024 – Aug 2024
Research associate at SeaAI
Advisor: Qian Liu   Feb 2024 – Today
MANTIS: Interleaved Multi-Image Instruction Tuning
Research Intern at University of Southern California
Advisors: Xiang Ren, (Bill) Yuchen Lin   Mar 2022 – Mar 2023
LLM-Blender: Ensembling Large Language Models with Pairwise Ranking and
Generative Fusion

Honors and Scholarships

National Scholarship (ZJU, *top 1%*)   2020
Zhejiang University First-Class Scholarship (ZJU, *top 3%*)   2020,2021
Xiaomi Scholarship (ZJU)   2022