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; Evaluation; Multimodality 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

VideoScore: Building Automatic Metrics to Simulate Fine-grained Human Feedback for Video Generation
Xuan He*, Dongfu Jiang*, Ge Zhang, Max Ku, Achint Soni, Sherman Siu, Haonan Chen, Abhranil Chandra, and Ziyan Jiang, Aaran Arulraj, Kai Wang, Quy Duc Do, Yuansheng Ni, Bohan Lyu, Yaswanth Narsupalli, Rongqi Fan, Zhiheng Lyu, Yuchen Lin, Wenhu Chen
arxiv preprint, 2024.

WildVision: Evaluating Vision-Language Models in the Wild with Human Preferences
Yujie Lu, Dongfu Jiang, Wenhu Chen, William Yang Wang, Yejin Choi, and Bill Yuchen Lin
arxiv preprint, 2024.

GenAI Arena: An Open Evaluation Platform for Generative Models
Dongfu Jiang*, Max W.F. Ku*, Tianle Li*, Yuansheng Ni, Shizhuo Sun, Rongqi Fan, and Wenhu Chen
arxiv preprint, 2024.

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
Dongfu Jiang, Xiang Ren, Bill Yuchen Lin
ACL, 2023.

Experience	**Research Intern at Allen Institute of AI**	
	Advisor: (Bill) Yuchen Lin, Qianhui Qin	June 2024 – Sep 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