Dongfu Jiang

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

⌂ **HomePage**: jdf-prog.github.io   in **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

MEGA-Bench: Scaling Multimodal Evaluation to over 500 Real-World Tasks
Jiacheng Chene*, Tianhao Liange*, Sherman Siue*, Zhengqing Wang, Kai Wang, Yubo Wang, Yuansheng Ni, Wang Zhu, Ziyan Jiang, Bohan Lyu, Dongfu Jiang, Xuan He, Yuan Liu, Hexiang Hu, Xiang Yue, Wenhu Chen
arxix preprint, 2024.

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
EMNLP, 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
NeurIPS 2024 Dataset and Benchmark Track, 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
NeurIPS 2024 Dataset and Benchmark Track, 2024.

MANTIS: Interleaved Multi-Image Instruction Tuning

Dongfu Jiang, Xuan He, Huaye Zeng, and Cong Wei, Max Ku, Qian Liu, Wenhu Chen

Transactions on Machine Learning Research, 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	
	Advisors: (Bill) Yuchen Lin, Qianhui Qin	June 2024 – Sep 2024
	Research associate at SeaAI	
	Advisors: Qian Liu, Tianyu Pang, Chao Du	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