

Dongfu Jiang

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🏠 Home Page: jdf-prog.github.io

🐙 GitHub: [jdf-prog](https://github.com/jdf-prog)

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Research interests

Natural Language Processing; Large Language Models; Evaluation; Multimodality Reasoning;

Education

University of Waterloo

PhD in Computer Science

Advisor: Prof. Wenhua Chen.

Waterloo, Ontario

Sep 2023 – Present

Zhejiang University

BE in Computer Science

Advisor: Prof. Zhou Zhao. GPA: 3.97/4.00.

Hangzhou, Zhejiang

Sep 2019 – June 2023

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 Ziyang Jiang, Aaran Arulraj, Kai Wang, Quy Duc Do, Yuansheng Ni, Bohan Lyu, Yaswanth Narsupalli, Rongqi Fan, Zhiheng Lyu, Yuchen Lin, Wenhua Chen
EMNLP, 2024.

WildVision: Evaluating Vision-Language Models in the Wild with Human Preferences

Yujie Lu, [Dongfu Jiang](#), Wenhua 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 Wenhua 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, Wenhua Chen
arxiv preprint, 2024.

VIEScore: Towards Explainable Metrics for Conditional Image Synthesis Evaluation

Max Ku, Dongfu Jiang, Cong Wei, Xiang Yue, Wenhua 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, Ruoyi 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, Wenhua 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, Wenhua 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