

Tianrui Feng

[Email](#) | [Homepage](#) | [GitHub](#) | [Google Scholar](#)

Wuhan, China

EDUCATION

- **Huazhong University of Science and Technology**

Sep 2022 - Jun 2026 (expected)

B.Eng. in Artificial Intelligence

Wuhan, China

- Advisor: Prof. Xiang Bai

- GPA: 87.5/100.0

PUBLICATIONS

* EQUAL CONTRIBUTION

† CORRESPONDING AUTHOR

- **StreamDiffusionV2: A Streaming System for Dynamic and Interactive Video Generation**

Paper

MLSys 2026

Tianrui Feng, Zhi Li, Shuo Yang, Haocheng Xi, Muyang Li, Xiuyu Li, Lvmin Zhang, Keting Yang, Kelly Peng, Song Han, Maneesh Agrawala, Kurt Keutzer, Akio Kodaira, Chenfeng Xu[†]

- **Parameter-Efficient Fine-Tuning in Spectral Domain for Point Cloud Learning**

Paper

IEEE TPAMI 2025

Dingkang Liang*, Tianrui Feng*, Xin Zhou*, Yumeng Zhang, Zhikang Zou, Xiang Bai[†]

- **Less is Enough: Training-Free Video Diffusion Acceleration via Runtime-Adaptive Caching**

Paper

Under Review as a Journal Paper

Xin Zhou*, Dingkang Liang*, Kaijin Chen, Tianrui Feng, Xiwu Chen, Hongkai Lin, Yikang Ding, Feiyang Tan, Hengshuang Zhao, Xiang Bai[†]

- **Seeing the Future, Perceiving the Future: A Unified Driving World Model for Future Generation and Perception**

Paper

Under Review as a Journal Paper

Dingkang Liang*, Dingyuan Zhang*, Xin Zhou*, Sifan Tu, Tianrui Feng, Xiaofan Li, Yumeng Zhang, Mingyang Du, Xiao Tan, Xiang Bai[†]

RESEARCH EXPERIENCE

- **BAIR, University of California, Berkeley**

Jun 2025 - Aug 2025

Research Intern

- Advisor: Chenfeng Xu (Ph.D., UC Berkeley; Assistant Professor at UT Austin)

- Research Topics: Efficient Machine Learning, Generative Models, AI Systems

- Publications: StreamDiffusionV2 (Under Review)

- **VLRLab, Huazhong University of Science and Technology (HUST)**

Jun 2023 - Current

Research Intern

- Advisor: Xiang Bai (Professor and Dean of the School of Software Engineering at HUST)

- Research Topics: Efficient Machine Learning, 3D Vision, Generative Models, Multi-modality Learning

- Publications: PointGST (Accepted by TPAMI), EasyCache (Under Review)

HONORS AND AWARDS

- **Undergraduate Natural Science Innovation Fund (Top 0.1%, ~\$7,000), Project Lead**

Jun 2025

Huazhong University of Science and Technology

- **National Undergraduate Innovation Training Program (~\$2,800), Project Lead**

May 2024

Huazhong University of Science and Technology

- **National Scholarship (Top 0.2%)**

Oct 2023

Huazhong University of Science and Technology

- **ICCV 2023, CVPPA Workshop challenge, Rank 6th**

Aug 2023

International Conference on Computer Vision Workshop, 2023