

Tianrui Feng

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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