

CHAORAN FENG

Peking University, China

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Education

Peking University

M.S. in Computer Science, School of Electronic and Computer Engineering

– GPA: **3.84/4.0**. Supervisors: Prof. Li Yuan and Prof. Yonghong Tian.

Sep. 2024 – Jun. 2027

Beijing & Shenzhen, China

Dalian University of Technology

B.Eng. in Artificial Intelligence, School of Future Technology

– GPA Rank: **1/85 (Top 1.1%)**, Overall Ranking: **1/85**.

Sep. 2020 – Jun. 2024

Dalian, China

Selected Publications

Generative Foundation Models

Lingbot-Video: Scaling MoE Video Pretraining for Embodied Intelligence [Core Contributor]

Tech. Report 2026

Enhancing Spatial Understanding in Image Generation via Reward Modeling [Co-First]

CVPR 2026

Semantic-Aware Preference Optimization for Image Style Transfer [Co-First]

CVPR 2026

3D Vision

NeuralGS: Bridging Neural Fields and 3D Gaussian Splatting [Co-First]

AAAI 2026

Cycle3D: High-quality and Consistent Image-to-3D Generation [Co-Author, 5th]

AAAI 2025

Neuromorphic Vision

EA3D: Event-Augmented 3D Diffusion for Generalizable Novel View Synthesis [Co-First]

ICLR 2026

E-4DGS: High-Fidelity Dynamic Reconstruction from Event Cameras [First Author]

ACM MM 2025

EvaGaussians: Event Stream Assisted 3D Gaussian Splatting [Co-First]

ICCV 2025

AE-NeRF: Augmenting Event-Based Neural Radiance Fields [First Author]

AAAI 2025

GS2E: Gaussian Splatting is an Effective Data Generator for Events [Co-First]

NeurIPS D&B 2025

Experience

Ant Group, Lingbot-Video Team

Mar. 2026 – Jul. 2026

Research Intern, Video Generation Post-training, supervised by Ka Leong Cheng.

Beijing, China

- **Reward Design & Multi-Reward Training:** Developed reward models for text-video alignment, physical awareness, and motion awareness, and built a scalable multi-reward training and evaluation pipeline for large-scale RL optimization. Contributed to the development of the RL infrastructure led by *Jiaqi Liao*.

Horizon Robotics × CARIZON

Jan. 2025 – Jul. 2025

Algorithm Intern, 3D Generative Models, supervised by Yanfeng Zhao

Beijing, China

- **3D Editing & View Completion:** Investigated Trellis-based 3D editing. Fine-tuned models on the 3DRealCar dataset (approx. 2k scenes) to bridge the domain gap between synthetic and real-world data.

Service & Language Proficiency

- Academic Service: ICLR, NeurIPS, ICML, ICCV, ECCV, CVPR, AAAI, ACM MM; TCSVT.
- Languages: IELTS 7.0, CET-6 549.

Honors & Awards

Merit Student, Peking University

2025

Ping'an Scholarship, Peking University

2025

Outstanding Graduate, Dalian University of Technology

2024

National Scholarship, Dalian University of Technology

2022, 2023

Qubochuan Scholarship (Top 0.073%), Dalian University of Technology

2022