

Huaqiu Li (李华秋)

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Education

Hong Kong University of Science and Technology Incoming Ph.D., Electronic and Computer Engineering
Ph.D. Program Starting Sep. 2026

Co-Supervisors: Wenhan Luo, Ping Tan

Research Area: Efficient Video Generation, Controllable Video Generation

Tsinghua University

M.S. in Electronic Information (Artificial Intelligence)

Master's Program

Sep. 2023 - Jul. 2026

GPA: 3.93/4.00 | Supervisor: Haoqian Wang

Research Area: Video Generation, Low-Level Vision, Self-Supervised Learning

Beihang University

B.S. in Aircraft Control and Information Engineering

Bachelor's Program

Sep. 2019 - Jun. 2023

GPA: 3.79/4.00 (Rank: 7/256)

Language Proficiency

IELTS: 7.0 (Listening: 8.0, Reading: 7.0, Speaking: 6.0, Writing: 6.0)

CET-6: 573 | **CET-4:** 601

Selected Publications

EchoStyle: Unlocking High-Fidelity Video Stylization with Reverse Data Synthesis [Project Page]



Huaqiu Li*, Jiahao Wang*, Sijia Cai, et al.

ECCV 2026

- Proposed a video-to-video framework tailored for arbitrary-length stylization built upon WAN2.2-14B.
- Developed an automated data curation pipeline to construct a novel paired large-scale video stylization dataset.
- Incorporated an intricate init-follow-mode training mechanism and a sliding-window inference strategy to enable minute-scale generation.

LD-RPS: Zero-Shot Unified Image Restoration via Latent Diffusion Recurrent Posterior Sampling

Huaqiu Li, Yong Wang, Tongwen Huang, et al.

ICCV 2025

- Proposed a novel, dataset-free, and unified image restoration approach via recurrent posterior sampling using a pretrained latent diffusion model.

Interpretable Unsupervised Joint Denoising and Enhancement for Real-World Low-Light Scenarios

Huaqiu Li, Xiaowan Hu, Haoqian Wang

ICLR 2025

- Derived a physics-grounded training strategy based on paired sub-images with varying illumination/noise levels, incorporating Retinex theory.
- Featured and highlighted by multiple academic media outlets and tech communities.

Prompt-SID: Learning Structural Representation Prompt via Diffusion for Single Image Denoising

Huaqiu Li*, Wang Zhang*, Xiaowan Hu, et al.

AAAI 2025

- Designed a structural prompt generation model based on latent diffusion and introduced a structural attention module into the transformer denoiser.

Measuring and Controlling the Spectral Bias in Self-Supervised Denoising

Wang Zhang*, **Huaqiu Li***, Xiaowan Hu, Tao Jiang, et al.

ICME 2025

Internship Experience

- Alibaba Group, Tongyi Lab (WAN Team)**
Research Intern (Video Generation)

Sep. 2025 - Present
Hangzhou, China

 - Responsible for technical fine-tuning and optimization of Wan vertical video generation models.
- Alibaba Group, Amap**
Research Intern (Vision Generation)

Oct. 2024 - Mar. 2025
Beijing, China

 - Conducted research on multimodal large language models and diffusion-based generation technologies.
 - Explored edge-side deployment and efficient inference for Multimodal Large Language Models (MM-LLMs).

Academic Services

Journal & Conference Reviewer: IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI), IEEE Transactions on Circuits and Systems for Video Technology (TCSVT), ICLR, CVPR

Honors and Awards

- Hong Kong PhD Fellowship Scheme (HKPFS)**

2026
- HKUST RedBird PhD Scholarship

2026
- National Scholarship (China)**

2025
- Outstanding Graduate of Beijing

2023
- Outstanding Student of Beihang University

2023
- First Prize in China College Students' Engineering Practice and Innovation Ability Competition

2023
- First Prize in the 13th China Mathematics Competition for College Students

2021