# Feng He

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## EDUCATION

M.S. in Neuroscience, University of Science and Technology of China 2023.09 – 2026.06

- Research focus: machine learning, representation learning, and scientific imaging
- Recipient of the China National Scholarship (Top 0.1% nationwide), 2026

B.S. in Computer Science, Yangtze University 2019.09 – 2023.06

- GPA: 4.07/5.0; Ranked 1st overall among ∼300 students (graduate recommendation)

## Selected Publications

*Full publication list available on* Google Scholar

1. **Feng He**, Hanlin Li, Xin Ning, and Qiankun Li. BeautyDiffusion: Generative Latent Decomposition for Makeup Transfer via Diffusion Models. *Information Fusion*, 2025.
2. **Feng He**, Guodong Tan, Qiankun Li, Jun Yu, and Quan Wen. From Pixels to Views: Learning Angular-Aware and Physics-Consistent Representations for Light Field Microscopy. *NeurIPS 2025*.

## Honors and Awards

Grand Challenge Champion (1st Place)-Micro-Action Recognition ACM MM' 2024
National Undergraduate Computer Design Competition National Third Prize
National Undergraduate Mathematical Modeling Competition Provincial Third Prize
Merit Student; Hanko Scholarship Yangtze University

## Intern Experience

**Chinese Academy of Sciences**, Research Assistant 2022.01 – 2023.09

Conducted research in computer vision and image generation, with a focus on understanding and improving state-of-the-art generative models. This work led to a first-author publication in *Information Fusion*.

**University of Science and Technology of China**, Research Assistant 2023.09 – 2025.05

Conducting research on AI-driven biological image analysis and scientific imaging. Developing novel representation learning methods, resulting in first-author publications at *NeurIPS 2025*.

**Rochester Institute of Technology**, Research Collaborator 2025.05 – Present

Collaborating with Prof. Dongfang Liu on research related to hallucination-aware learning and reasoning in large language models. A joint paper is currently under review at *ICLR 2026*.

## Technical Skills

- Programming: Python (PyTorch, TensorFlow), C++, MATLAB
- Machine Learning: Deep Learning, Generative Models, Computer Vision
- Tools: Git, Docker, Linux, LaTeX

## Research Interests

- Programming: Python (PyTorch, TensorFlow), C++, MATLAB
- Machine Learning: Deep Learning, Generative Models, Computer Vision
- Tools: Git, Docker, Linux, LaTeX