Feng He
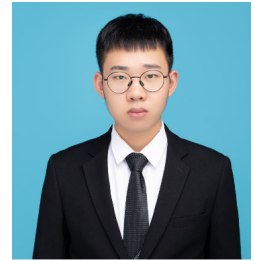
TEL：(+86) 18571220871 · Mail：hefengcs@mail.ustc.edu.cn

Website：hefengcs.github.io · CET-6:500

Last Update · July 7, 2024

EDUCATION

Yangtze University	2019.09 - 2023.06
University of Science and Technology of China	2023.09 - 2026.06

RESEARCH EXPERIENCE

The National University Student Scientific Research Project, Leader**(1 / 500+)**

Patent "A computer cooling device" **(The First Inventor)**

Participated in the writing of the academic monograph "Face Attribute Recognition and Editing in Deep Learning"

Publication:

- Diffusion Model in Makeup Transfer(Under Review, NIPS2025, **First author**)

- Makeup Transfer:A Review(Accepted,IET Computer Vision(CCF-C),**First author**)

- ACGAN : Age-Compensated Makeup Transfer Based on Homologous Continuity Generative Adversarial Network Model(Accepted, IET Computer Vision(CCF-C),**Second author and corresponding author**)

- Optimization of a Bearing Fault Diagnosis Method Based on Convolutional Neural Network and Wavelet Packet Transform by Simulated Annealing(Accepted, Sensors(ESI Highly Cited Paper), **First author**)

- Hyper-sausage coverage function neuron model and learning algorithm ((Accepted，Pattern Recognition(CCF-B)，ESI Highly Cited Paper, **First student author**)

- ICGNet: A Intensity-Controllable Generation Network based on the principle of homologous continuity for face attribute synthesis (Accepted,Information Sciences(CCF-B),**First student author**)

- Dual Guidance Enabled Fuzzy Inference for Enhanced Fine-Grained Recognition(Accepted, IEEE Transactions on Fuzzy Systems(CCF-B), **Second author**)

- Three-dimensional Softmax Mechanism Guided Bidirectional GRU Networks for Hyperspectral Remote Sensing Image Classification(Accepted, Signal Processing(CCF-B), **Co-author**)

- Evaluation of Higher Education System by TOPSIS Based on Entropy Weight Method(Accepted, CAMMIC2022(EI), **First author**)

COMPETITION EXPERIENCE AND HONOR

National Undergraduate Computer Design Competition	National Third Prize
National University Entrepreneurship Comprehensive Simulation Competition	Provincial Second Prize
National Undergraduate Mathematical Modeling Competition	Provincial Third Prize
Merit Student	Yangtze University
Hanko Scholarship	Yangtze University
National Encouragement scholarship	HuBei Province,China

INTERN EXPERIENCE

Institute of Semiconductors, Chinese Academy of Sciences, Rearch Assistant   2022.01-2023.101

Responsible for research in computer vision. Track, read, reproduce the latest papers. Published papers in the field of makeup transformation.

University of Texas at San Antonio, Rearch Assistant   2022.05-2022.10

Responsible for research on image generation. Mainly responsible for reproducing the latest papers, making improvements, and writing academic papers.

University of Science and Technology of China, Rotation   2023.09-now

Responsible for research on AI-driven biological image analysis. Mainly responsible for reproducing the latest research papers, developing novel improvements, and writing high-impact academic papers.