XIN JIN

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EDUCATION

Chongqing Technology and Business University (CTBU), China	Sept. 2022 - June 2025
Software Engineering	Master. Ranking: 4/20
Pass College of Chongqing Technology and Business University, China	Sept. 2018 - June 2022
Internet of Things Engineering	Bachelor

WORK EXPERIENCE

Encode Lab, Westlake University, Research Assistant (Full Time)	June 2025 – Present

- Efficient AI and ML System, supervised by Prof. Huan Wang.

PROJECTS & RESEARCH EXPERIENCE

Chongqing Institute of Financial Technology, Research Intern	July 2023 – Sept. 2023

- Building a 3D view Finger vein dataset. 🎧 Database
- Optimizing algorithms for vein classification systems.

CAIRI AI Lab, Westlake University, Research Intern (Remote)	Mar. 2024 – June 2025

- Studying Mixup and Multi-modal Large Language, supervised by Siyuan Li.

OpenMixup Toolbox and Awesome of Mixup

- An open-source mixup toolbox and benchmark for visual representation learning. **660 stars, 62 forks**
- An awesome list of Mixup Augmentation and Beyond. **163 stars, 11 forks**

SELECTED PUBLICATIONS (∗ denotes equal contribution, † denotes corresponding author / supervisor.)

LLM & MLLM

MergeMix: A Unified Augmentation Paradigm for Visual and Multi-Modal Understanding 🎧 Code	ICLR, 2026
<u>Xin Jin</u>∗, Siyuan Li∗, Siyong Jian, Kai Yu, Huan Wang†	
EarlyTom: Early Token Compression Completes Fast Video Understanding	CVPR, 2026
Hesong Wang∗, <u>Xin Jin</u>∗, Lu Lu, Chenhaowen Li, Jian Chenm Qiang Liu, Huan Wang†	
Taming LLMs by Scaling Learning Rates with Gradient Grouping	ACL (main), 2025
Siyuan Li∗, Juanxi Tian∗, Zedong Wang∗, <u>Xin Jin</u>, Zicheng Liu†, Wentao Zhang, Dan Xu	

Mixup Augmentation

A Survey on Mixup Augmentations and Beyond 🎧 Awesome list	arXiv, 2024
<u>Xin Jin</u>∗, Hongyu Zhu∗, Siyuan Li∗, Zedong Wang, Zicheng Liu, Chang Yu, Juanxi Tian, Huafeng Qin, Stan Z. Li†.	
SUMix: Mixup with Semantic and Uncertain Information 🎧 Code	ECCV, 2024
Huafeng Qin∗,†, <u>Xin Jin</u>∗, Hongyu Zhu, Hongchao Liao, Mounîm A. El-Yacoubi, Xinbo Gao.	
Adversarial AutoMixup *(Spotlight, rate 5%)* 🎧 Code	ICLR, 2024
Huafeng Qin∗,†, <u>Xin Jin</u>∗, Yun Jiang, Mounîm A. El-Yacoubi, Xinbo Gao.	

Biometric Identification

StarLKNet: Star Mixup with Large Kernel Networks for Palm Vein Identification	arXiv, 2024
<u>Xin Jin</u>∗, Hongyu Zhu∗, Mounîm A. El-Yacoubi, Hongchao Liao, Huafeng Qin, Yun Jiang†.	
EM-DARTS: Hierarchical Differentiable Architecture Search for Eye Movement Recognition	TIM, 2025
Huafeng Qin†, Hongyu Zhu, <u>Xin Jin</u>, Xin Yu†, Mounîm A. El-Yacoubi, Shuqiang Yang	
EmMixformer: Mix Transformer for Eye Movement 🎧 Database	TIM, 2025
Huafeng Qin†, Hongyu Zhu, <u>Xin Jin</u>, Qun Song†, Mounîm A. El-Yacoubi, Xinbo Gao.	

RelaxDARTS: Relaxing the Constraints of Differentiable Architecture Search for Eye Movement Recognition *(Oral)* CCBR, 2024

Hongyu Zhu[*], **Xin Jin**[*], Hongchao Liao, Yan Xiang, Mounîm A. El-Yacoubi, Huafeng Qin[†].

COMPETITION HONORS

Challenge Cup of "Qin Chuang Yuan" National 2nd prize

The 14th Challenge Cup Provincial 2nd prize

China International Student Innovation Competition Provincial 2nd prize

The 7th Art Exhibition for College Students in Chongqing Provincial 1st prize

The 7th Innovation and Entrepreneurship Competition School 2nd prize

The 3rd Annual "Best of Libraries" School 1st prize

ADDITIONAL ACHIEVEMENTS

Programming language: C/C++, Java, Python, Pytorch, LaTeX

Platform: Windows, Linux

Languages: Mandarin (Native), English (CET-6)

Hobbies: Photography, Hiking

SERVICES & MEMBERSHIPS

Reviewers: ICLR (2025-2026), CVPR (2026), ICML (2026), ECCV (2026), Pattern Recognition

Memberships: China Computer Federation (CCF Student Member)