

XIN JIN

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EDUCATION

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

WORK EXPERIENCE

Encode Lab, Westlake University, Research Assistant (Full Time) • Efficient AI and ML System, supervised by Prof. Huan Wang.	June 2025 – Present
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PROJECTS & RESEARCH EXPERIENCE

Chongqing Institute of Financial Technology, Research Intern • Building a 3D view Finger vein dataset. 🗄 Database • Optimizing algorithms for vein classification systems.	July 2023 – Sept. 2023
CAIRI AI Lab, Westlake University, Research Intern (Remote) • Studying Mixup and Multi-modal Large Language, supervised by Siyuan Li.	Mar. 2024 – June 2025
OpenMixup Toolbox and Awesome of Mixup • An open-source mixup toolbox and benchmark for visual representation learning. 658 stars, 61 forks • An awesome list of Mixup Augmentation and Beyond. 161 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 <u>Xin Jin</u> *, Siyuan Li*, Siyong Jian, Kai Yu, Huan Wang†	ICLR, 2026
Taming LLMs by Scaling Learning Rates with Gradient Grouping Siyuan Li*, Juanxi Tian*, Zedong Wang*, <u>Xin Jin</u> , Zicheng Liu†, Wentao Zhang, Dan Xu	ACL (main), 2025

Mixup Augmentation

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

Biometric Identification

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

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)