

XIN JIN

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EDUCATION

Chongqing Technology and Business University(CTBU), China <i>Master's Degree Candidate of Software Engineering</i>	Sept. 2022 - Present
Pass College of Chongqing Technology and Business University, China <i>Bachelor of Internet of Things Engineering</i>	Sept. 2018 - June 2022

PROJECTS & RESEARCH EXPERIENCE

Chongqing Institute of Financial Technology: Vein Identification • Building a finger vein dataset in 3D view. • Skills for installing vein recognition door locks. • Optimising algorithms for vein classification systems. • Researching finger vein recognition algorithms.	July 2023 – Step. 2023
Chongqing Intelligence Perception and Block Chain Technology Key Lab • Studying data augmentation in finger vein and palm vein, supervised by Prof. Huafeng Qin .	Sept. 2022 – Present
2024 Winter School on Biometrics. Shenzhen, China	Jan. 2024 – Jan. 2024

SELECTED PUBLICATIONS

Adversarial AutoMixup (<i>Spotlight, rate 5%</i>) Huafeng Qin*, Xin Jin *, Yun Jiang, Mounîm A. El-Yacoubi, Xinbo Gao. 🐙 Code	ICLR, 2024
SUMix: Mixup with Semantic and Uncertain Information. Huafeng Qin*, Xin Jin *, Hongyu Zhu, Hongchao Liao, Mounîm A. El-Yacoubi, Xinbo Gao.	arXiv, 2024
EmMixfomer: Mix Transformer for Eye Movement Huafeng Qin, Hongyu Zhu, Xin Jin , Qun Song, Mounîm A. El-Yacoubi, Xinbo Gao.	arXiv, 2024
Adversarial Contrastive Learning Based on Image Generation for Palm Vein Recognition Yiquan Wu, Hongchao Liao, Hongyu Zhu, Xin Jin , Shuqiang Yang, Huafeng Qin.	AIHP, 2023
CGAN-DA: A Cross-Modality Domain Adaptation Model for Hand-Vein Biometric-based Authentication Shuqiang Yang, Yiquan Wu, Xin Jin , Mounîm A. El-Yacoubi, Huafeng Qin.	Journal of Cyber-Physical-Social Intelligence, 2022

RELEVANT COURSEWORK

Course: Computer Vision A, Natural Language Processing A, Computer Organization A, Algorithm Design and Analysis B+, Complex Network Theory and Applications B+, Advanced Computer Networks B+, Advanced IoT technologies B, etc.

Awards: Scholarships for new postgraduate students, Scholarships for postgraduate studies.

ADDITIONAL ACHIEVEMENTS

Programming language: C/C++, Java, Python, Pytorch, LaTeX
Platform: Windows, Linux
Languages: Mandarin (Native), English (CET-6)
Other: Photography