ZHANGHAO CHEN

Southeast University, No.2, Southeast University Road, Jiangning District, Nanjing, Jiangsu Province, China
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EDUCATION

Southeast University   *Sep 2025 - June 2028*
M.S. in Computer Science and Engineering.

Hangzhou Dianzi University   *Sep 2021 - June 2025*
B.S. in Computer Science and Technology.   GPA: 4.79/5.00 (**Top 1%**)

RESEARCH INTEREST

My research interest lies in the intersection of **Deep Learning and Computer Vision**, with a primary focus on **Medical Image Analysis**, including **Low-level vision**, **Generative Vision**, and **Large Vision-Language Models**.

PUBLICATIONS

BS-LDM: Effective Bone Suppression in High-Resolution Chest X-Ray Images with Conditional Latent Diffusion Models
Yifei Sun, **Zhanghao Chen**, Hao Zheng, Ruiquan Ge, Jin Liu, Wenwen Min, Ahmed Elazab, Xiang Wan, Changmiao Wang
IEEE Journal of Biomedical and Health Informatics (Volume: 30, Issue: 1, January 2026)

Inter-slice complementarity enhanced ring artifact removal using central region reinforced neural network
Yikun Zhang, Guannan Liu, **Zhanghao Chen**, Zujian Huang, Shengqi Kan, Xu Ji, Shouhua Luo, Shouping Zhu, Jian Yang and Yang Chen
Physics in Medicine & Biology (Volume: 70, Number: 21, October 2025)

GL-LCM: Global-Local Latent Consistency Models for Fast High-Resolution Bone Suppression in Chest X-Ray Images
Yifei Sun, **Zhanghao Chen**, Hao Zheng, Yuqing Lu, Lixin Duan, Fenglei Fan, Ahmed Elazab, Xiang Wan, Changmiao Wang, Ruiquan Ge
28th International Conference on Medical Image Computing and Computer-Assisted Intervention (MICCAI 2025)

BS-Diff: Effective Bone Suppression Using Conditional Diffusion Models From Chest X-Ray Images
Zhanghao Chen, Yifei Sun, Ruiquan Ge, Wenjian Qin, Cheng Pan, Wenming Deng, Zhou Liu, Wenwen Min, Ahmed Elazab, Xiang Wan, Changmiao Wang
2024 IEEE International Symposium on Biomedical Imaging (ISBI 2024)

UWAFA-GAN: Ultra-Wide-Angle Fluorescein Angiography Transformation via Multi-Scale Generation and Registration Enhancement
Ruiquan Ge, Zhaojie Fang, Pengxue Wei, **Zhanghao Chen**, Hongyang Jiang, Ahmed Elazab, Wangting Li, Xiang Wan, Shaochong Zhang, Changmiao Wang
IEEE Journal of Biomedical and Health Informatics (Volume: 28, Issue: 8, August 2024)

Data Statistics Applications in Regulating the Balance of the Wildlife Trade
Zhanghao Chen, Yifei Chen, Xuan Gao, Xinyu Zhu, Jianfei Liu
2024 3rd International Conference on Artificial Intelligence, Internet and Digital Economy (ICAID 2024)

UWAT-GAN: Fundus Fluorescein Angiography Synthesis via Ultra-Wide-Angle Transformation Multi-scale GAN
Zhaojie Fang, **Zhanghao Chen**, Pengxue Wei, Wangting Li, Shaochong Zhang, Ahmed Elazab, Gangyong Jia, Ruiquan Ge, Changmiao Wang
26th International Conference on Medical Image Computing and Computer-Assisted Intervention (MICCAI 2023)

PROJECTS

Upcoming

STRENGTHS

Languages	**C, C++, Python**
Technologies	**Pytorch, Latex**
English Level	**CET-6: 604**
Hobby	**Hiking, Badminton, Swimming, Photography, Guitar**

EXPERIENCE

Hangzhou Hikvision Digital Technology Co., Ltd., China   **Nov 2024 - Mar 2025**
Algorithm Engineer

· **Deep Learning-Based 3D Depth From Focus for Extended Depth-of-Field Microscopy**
· **Mentor: Baobei Xu**

AWARDS & HONORS

National Scholarship (Top 0.75%)	**2023-2024**
Zhejiang Provincial Government Scholarship (Top 5%)	**2022-2023**
Zhejiang Provincial Government Scholarship (Top 5%)	**2021-2022**