Zhangzhi Xiong

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bearthesilly

Personal Information

My name is Zhangzhi Xiong(2023533146) and i am currently a Junior student from ShanghaiTech University. My major is computer science. Now I am a GLOBE visiting student(ID: 3041997611) to UC Berkeley.

My research interests currently lie in multiple aspects, like Computer Vision and Natural Language Processing, and I'm now doing research in the field of Time Series.

In my spare time, I play badminton and ping-pong. I'm also enthusiastic in participating volunteer activities. I'm a big fan of delicious cuisine, movies and traveling.

Education

Shanghaitech University *Sept 2023 – Now*
Computer Science

- **GPA:** 3.86/4.0
- **Rank:** 4/172 in Computer Science major; 6/267 in School of Information Science and Technology
- **Relevant CS Coursework**: Introduction to Information Science and Technology(A), Introdution to Program ming(A), Algorithms and Data Structures(A-), Introduction to Machine Learning(A+), Artificial Intelligence(A+), Computer Architecture(A) & Project(A+)
- **Relevant Math Foundation Coursework**: Calculus I(A+), Calculus II(A+), Linear Algebra I(A), Discrete Mathematics(A), Probability and Statistics for Information Science(A+)

UC Berkeley *Aug 2025 – Dec 2025*
GLOBE Visiting Student: Computer Science *(Expected)*

Experience

4DVLab, ShanghaiTech University *Shanghai, China*
PI: Prof.Yuexin Ma *Mar 2024 – Aug 2024*

- Running comparison experiments, replicating experiments
- A small fraction of paper writing
- Preprocessing dataset
- Visualization

VRVC, ShanghaiTech University *Shanghai, China*
Advisor: M.S. Zhehao Shen *Sept 2024 – Nov 2024*

- Collecting 3D modeling dataset
- Reproducing 3D Gaussian Splatting and Animatable Gaussians

AI HONOR PROGRAM, ShanghaiTech University *Shanghai, China*
PI: Prof.Kewei Tu and Prof.Kan Ren *Feb 2025 – Jun 2027*

- Conducting research on time series and interpretability

Publications

UniHPC: Human-Centric Point Cloud Universal Model

Yiteng Xu, Yujing Sun, Haoyu Wu, Shenshuo Yao, ***Zhangzhi Xiong***, Leshi Li, Xinge ZHU, Yuexin Ma

Following rejection, the manuscript is being revised for future submission.

Course Project

Halma Game Agent *May 2025 – Jun 2025*

Course Project for Artificial Intelligence, Supervisor: Prof.Sibei Yang

- Deploying AI agent algorithm in course Artificial Intelligence to Halma Game
- Deploying neural approximate Q-learning algorithm(DQN) to Halma Gaming

FP-GNN++: Towards Accurate Molecule Property Classification via Leveraging Versatile Features *May 2025 – Jun 2025*

Course Project for Introduction to Machine Learning, Supervisor: Prof.Yujiao Shi

- Modeling chemical bond information as additional inductive bias
- Designing crossing attention and multi-head GNN for better multi-feature fusion
- Conducting ablation studies to verify benefits of our novel structure designs

Award

- **AI HONOR CLASS,** Shanghaitech University, 2024-2027(expected)
- **OUTSTANDING STUDENT,** (top 10%) Shanghaitech University, 2023-2024
- **Second Prize,** The Chinese Mathematics Competitions, Shanghai District, 2024

Technologies

Languages: Python > C++ = C > Matlab = RISC-V

Technologies: Pytorch, Linux, Docker, Git, Slurm

Misc: Markdown, LaTeX, CET-6:613, TOFEL:101