

Ji Xie

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EDUCATION

Zhejiang University, Chu Kochen Honors College

Bachelor of Computer Science and Technology

Hangzhou, China

09/2022-06/2026(Expected)

- **Scholarships:**
 - Zhejiang Provincial Government Scholarship (2023)
 - Chu Kochen Innovation Scholarship (2023, 2024)
- **GPA:** 4.76/5 (93.6/100)
- **Ranking:** 2/148
- **Codeforces Rating:** Epyset, **2478 (Grandmaster)**

Core Courses: Data Structures, Database System, Computer Networks, Operating Systems, Artificial Intelligence.

Work Experience

Research on Image Generation

Hangzhou, China

- Conducted extensive research on image generation, especially in controllable image generation. Proficient in the LDM (Latent Diffusion Models) and Diffusers frameworks. Familiar with the popular architecture of the Diffusion Model like SD1.5, SDXL, FLUX.
- Worked at Professor Yang Yi's Lab, independently completing the "consistent-MIG" image iterative editing section for the paper [MIGC++: Advanced Multi-Instance Generation Controller for Image Synthesis](#) (TPAMI under review).
- Leading a project for a **co-first-authored** paper [3DIS: Depth-Driven Decoupled Instance Synthesis For Text-to-Image Generation](#), which is **accepted by ICLR 2025** (88866).
- Contribute to the technical report [3DIS-FLUX: Simple and Efficient Multi-instance Generation with DiT Rendering](#).
- Currently participating in an image editing project based on FLUX, targeting submission to ICCV 2025.

COMPETITION & AWARDS (as team leader)

International Collegiate Programming Contest (ICPC), Shenyang Site, 2022, **Gold Medal**

Shenyang, 10/2022

China Collegiate Programming Contest (CCPC), Guangzhou Site, 2022, **Gold Medal**

Guangzhou, 10/2022

Zhejiang Provincial Collegiate Programming Contest, 2023, **Gold Medal**

Hangzhou, 04/2023

Zhejiang Provincial Collegiate Programming Contest, 2024, **Gold Medal**

Hangzhou, 04/2024

Zhejiang Provincial Higher Mathematics Competition, 2023, **First Prize**

Hangzhou, 06/2024

Zhejiang Provincial Undergraduate Physics Innovation (Theoretical) Competition, **First Prize**

Hangzhou, 12/2023

Volunteer Experience

Shanghai AI Lab

Shanghai, China

Software Engineer & Teaching Assistant

08/2023-09/2023

- Guided high school students through the development of the project "Intelligent Ordering System Based on LLM", Assisted students in drafting and completing the final research paper for the project.
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PROFESSIONAL SKILLS

- **Programming Language:** Python, C++/C, SQL, MATLAB and Linux OS operations
- **Data Processing:** Pytorch, NumPy, Matplotlib for data analysis and visualization