

# 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, 2024)
  - Chu Kochen Innovation Scholarship (2023, 2024)
- **GPA:** 4.21/4.3 (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**

01/2024-03/2025 **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 Generative Model like SD1.5, SDXL, FLUX.
- 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 (spotlight)**.
- Contribute to the technical report [3DIS-FLUX: Simple and Efficient Multi-instance Generation with DiT Rendering](#).
- Currently participating in an image editing project, targeting submission to ICCV 2025 as second author.

## 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