

# ZHENXIN AI

191-9542-7244 · 19195427244@163.com | Male · GitHub@ai-kunkun ·

## PERSONAL SUMMARY

---

I have an outstanding academic record, a positive outlook, and a strong sense of responsibility. I am highly self-motivated and enjoy exploring new things. I believe in the irreplaceability of AI algorithms in the future, as they are driving the development of an open, connected, and shared technological lifestyle. I have a deep interest in AI technology, particularly in computer vision, and I am currently a visiting student at Westlake University, focusing on Flash3D.

## EDUCATION

---

**Jiangxi University of Science and Technology,**  
Artificial Intelligence, Bachelor of Engineering 2021.9 - Present

**Westlake University,**  
Visiting Student 2024.7 - 2024.11

## TECHNICAL SKILLS

---

- **Programming Languages:** C/C++, Matlab, Java, Python
- **Keywords:** Machine Learning, Deep Learning, Optimization Algorithms, Computer Vision

## RESEARCH PROJECTS

---

**Image Processing Lab (2023.5 - Present)** - Supervised by Prof. Luo Huilan  
In the field of lightweight salient object detection (SOD), I was responsible for identifying key innovations, implementing code, and writing papers, focusing on developing more efficient and faster SOD models without compromising accuracy, and have recently completed a paper intended for submission to a JCR-Q1 journal.

**Encode Lab, Westlake University (2024.7 - 2024.11)** – Supervised by Prof. Huan Wang  
**Under the guidance of Prof. Huan Wang**, I collaborated with **Prof. Jun Liu** from Lancaster University on democratizing 3D scene reconstruction project. We used Depth and normal estimation method combined with ResNet and Geometric Affine Fields to propose a Monocular 3D scene Reconstruction Model that can still reconstruct views well with only one view, where I am a co-first author. This work was submitted at CVPR'25.

## COMPETITIONS AND AWARDS

---

- National Third Prize in 2022 Team Programming Contest Tianchi Competition, April 2022
- East Region Third Prize in 14th China College Students Service Outsourcing Innovation and Entrepreneurship Competition, April 2023
- National Third Prize in the 25th China Robot and Artificial Intelligence Competition, June 2023
- National Third Prize in the 16th China Undergraduate Computer Design Contest, July 2024
- Second Prize in Jiangxi Province College Students Innovation Programming Competition, December 2022
- First Prize in Jiangxi Province 25th China Robot and Artificial Intelligence Competition, May 2023
- First Prize in Jiangxi Province 16th China Undergraduate Computer Design Contest, June 2023
- Over ten other provincial-level awards

## COMMUNITY PARTICIPATION / EXTRACURRICULAR ACTIVITIES

---

- “Outstanding Volunteer of the Year 2022” at Jiangxi University of Science and Technology
- Excellent Volunteer in the 18th Jiangxi Province “Challenge Cup”
- Minister of Innovation and Entrepreneurship Department, School of Information Engineering
- Two-time participant in “Three Going to the Countryside” social practice activities
- Participated in one winter vacation homecoming practice activity