

Yian Zhao

[Google Scholar](#) | [Homepage](#)

Phone number: (+86) 18812199307 | Email address: zhaoyian@stu.pku.edu.cn

EDUCATION BACKGROUND

Peking University

Shenzhen, China

Master of Computer Science and Technology

September 2023 – present

- **GPA:** 3.89 / 4.00
- **Google Scholar Citations:** 1500+
- **Research Interests:** 2D/3D Visual Perception and Understanding (2D Object Detection/Segmentation, 3D Segmentation/Editing)
- **Main Course:** Artificial Intelligence (A+), Scientific Research Practice (A+), 3D Vision and Computational Photography (A)
- **Honors:** Merit Student, Third Prize Scholarship

Dalian University of Technology

Dalian, China

Bachelor of Computer Science and Technology

September 2019 – June 2023

- **GPA:** 3.78 / 4.00 (Top 1%)
- **Main Course:** Object Oriented Programming (100), Mathematical Analysis for Engineering (100), Probability and Mathematical Statistics (99), Data Structure (99), Principle of Database (99), Constitution Principle of Computer (98), Operation System (97), Computer Network (96), Artificial Intelligence (95), Linear Algebra (95)
- **Honors:** National Scholarship, First Prize Scholarship, Individual Scholarship, Merit Student, Outstanding Graduates

INTERNSHIP EXPERIENCE

Tencent

Shenzhen, China

Research Intern

2024.03 - 2025.03

- Engaged in research on algorithms for 3D understanding and manipulation, with a focus on the controllability and practicality of 3D applications.
- Two papers are under review for ICCV 2025.

Baidu

Beijing, China

Research Intern

2022.11 - 2023.06

- Engaged in research on algorithms for real-time object detection, with a focus on innovative model architecture and efficient inference deployment.
- During the internship, I developed RT-DETR (the first real-time, end-to-end object detector in the community), which was accepted at CVPR 2024. It currently has **1300+ citations** on Google Scholar and **3.3k+ stars** on GitHub.

MAIN PUBLICATIONS

1. **iSegMan: Interactive Segment-and-Manipulate 3D Gaussians (CVPR 2025)**
Yian Zhao, Wanshi Xu, Ruochong Zheng, et al.
2. **DETRs Beat YOLOs on Real-time Object Detection (CVPR 2024, Citations: 1300+)**
Yian Zhao*, Wenyu Lv*, Shangliang Xu, et al.
3. **GraCo: Granularity-Controllable Interactive Segmentation (CVPR 2024 Highlight, Top 2.5%)**
Yian Zhao, Kehan Li, Zesen Cheng, et al.
4. **RT-DETRv2: Improved Baseline with Bag-of-Freebies for Real-Time Detection Transformer (Technical Report)**
Wenyu Lv, Yian Zhao, Qinyao Chang, et al.
5. **Multi-granularity Interaction Simulation for Unsupervised Interactive Segmentation (ICCV 2023)**
Kehan Li, Yian Zhao, Zhennan Wang, et al.

SKILLS

- **Computer Skills:** Machine Learning Libraries (PyTorch, PaddlePaddle), Python, C++
- **Languages:** Chinese (native), English (CET-6, Prepare for IELTS)
- **Sports:** Table Tennis, Swimming