

# RENPING ZHOU

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## 🎓 EDUCATION

**Tsinghua University**, Beijing, China 2025.9 – Present  
*Ph.D. student, [Department of Automation](#), advised by Prof. [Gao Huang](#)*

**Tsinghua University**, Beijing, China 2021.9 – 2025.7  
*Undergraduate, [Computer Science and Technology](#), Minor in [Statistics](#), Cumulative GPA **3.94 / 4**, rank **13/177***

**The High School Affiliated to Renmin University**, Beijing, China 2018.9 – 2021.9

## 📄 PUBLICATION

### Co-GRPO: Co-Optimized Group Relative Policy Optimization for Masked Diffusion Model

Renping Zhou\*, Zhanlin Ni\*, Tianyi Chen, Zeyu Liu, Yang Yue, Yulin Wang, Y. Wang, J. Liu, Gao Huang  
*NeurIPS 2026* [[arXiv](#)] [[website](#)]

### 4D LangSplat: 4D Language Gaussian Splatting via Multimodal Large Language Models

Wanhua Li\*, Renping Zhou\*, J. Zhou, Yingwei Song, J. Herter, Minghan Qin, Gao Huang, Hanspeter Pfister  
*CVPR 2025* [[arXiv](#)] [[website](#)] [[code](#)]

### Adagen: Learning adaptive policy for image synthesis

Zhanlin Ni, Yulin Wang, Yeguo Hua, Renping Zhou, Jiayi Guo, Jun Song, Bo Zheng, Gao Huang  
*TPAMI 2025* [[arXiv](#)] [[code](#)]

### Multimodal generalized category discovery

Yuchang Su, Renping Zhou, Siyu Huang, Xingjian Li, Tianyang Wang, Ziyue Wang, Min Xu  
*CVPR 2025* [[arXiv](#)]

### Revisiting Non-Autoregressive Transformers for Efficient Image Synthesis

Zhanlin Ni, Yulin Wang, Renping Zhou, Jiayi Guo, Jinyi Hu, Zhiyuan Liu, Shiji Song, Yuan Yao, Gao Huang  
*CVPR 2024* [[arXiv](#)] [[code](#)]

### ENAT: Rethinking Spatial-temporal Interactions in Token-based Image Synthesis

Zhanlin Ni, Yulin Wang, Renping Zhou, Yizeng Han, Jiayi Guo, Zhiyuan Liu, Yuan Yao, Gao Huang  
*NeurIPS 2024* [[arXiv](#)] [[code](#)]

### Adanat: Exploring adaptive policy for token-based image generation

Zhanlin Ni, Yulin Wang, Renping Zhou, Rui Lu, Jiayi Guo, Jinyi Hu, Zhiyuan Liu, Yuan Yao, Gao Huang  
*ECCV 2024* [[arXiv](#)] [[code](#)]

## 📁 EXPERIENCE

**Bunne Lab, EPFL** 2025.6 – 2025.9  
*Research Assistant* supervised by Prof. [Charlotte Bunne](#) and [Eeshaan Jain](#)

- Exploring applications of machine learning to life sciences.

**Horizon Robotics** 2025.3 – 2025.5  
*Research Intern* supervised by Dr. [Wei Yin](#)

- Investigating **Autoregressive Diffusion World Model** for Autonomous Driving.

Research Assistant supervised by Prof. Hanspeter Pfister and Wanhua Li

- Exploring efficient **Gaussian Splatting** model for rendering **dynamic semantic fields**.

⚙️ SKILLS

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- Programming Languages: C++, C, Python, JS/TS, SystemVerilog, CUDA
- Language: TOFEL 103, CET-4 579
- Framework: QT, React, Django, PyTorch, Numpy, OpenGL
- Tools: Linux, Git, L<sup>A</sup>T<sub>E</sub>X, Docker

♥️ HONORS AND AWARDS

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|------------------------------------------------------------------------|---------|
| Excellent Undergraduate, <i>Tsinghua University</i>                    | 2025.6  |
| Comprehensive Outstanding Scholarship(15%), <i>Tsinghua University</i> | 2024.10 |
| Academic Excellence Award, <i>Tsinghua University</i>                  | 2023.10 |
| Comprehensive Outstanding Scholarship(15%), <i>Tsinghua University</i> | 2022.10 |