

Yueer Zhou

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EDUCATION

- **Zhejiang University(ZJU)** *Expected Graduation June 2026*
Hangzhou, China
Bachelor of Engineering in Computer Science and Technology
 - **Overall GPA:** 94.73 / 100, **Ranking:** 1 / 550
 - **TOEFL MyBest:** 109 (Reading: 30, Listening: 28, Speaking: 23, Writing: 28)
- **Carnegie Mellon University** *Jun 2024-Aug 2024*
Pittsburgh, USA
Summer Program in Computer Vision and Deep Learning
 - **Grade:** A. Collaborated to caption image using Transformers and image classification using ViT.

SELECTED SCHOLARSHIP & HONORS

- **National Scholarship:** Top 0.2% 2023, 2024
- **SenseTime Scholarship:** 1 of 30 top AI undergraduates nationwide 2025
- **Top 10 Undergraduate Students,** Zhejiang University Computer Science Dept. 2023, 2025
- **He Zhijun Scholarship:** Highest honor in college, Top 0.7% 2024
- **First-Class Academic Scholarships:** Top 3% 2023, 2024
- **Outstanding Student** 2023, 2024, 2025
- **Guo Yilian Education Scholarship:** 2/500 students in college 2023
- **New Oriental Scholarship:** 10/2000 students 2023

PUBLICATION

- [1] **Y. Zhou***, Y. Wu*, Y. Wei. *Stable Low-Rank Adaptation for Continual Learning*. Submitted to **ICLR, 2026**.
- [2] L. Xiao, S. Lu, H. Pi, K. Fan, L. Pan, **Y. Zhou**, Z. Feng, X. Zhou, S. Peng, J. Wang. *MotionStreamer: Streaming Motion Generation via Diffusion-based Autoregressive Model in Causal Latent Space*. **ICCV, 2025**.

RESEARCH EXPERIENCE

- **Zanette Lab, CMU | LLM, NLP, RL** *Sept 2025 – Present*
Pittsburgh, USA
Research Intern Advised by [Andrea Zanette](#) and [Fahim Tajwar](#)
 - Investigating the use of foundation models for controllable question generation, aiming to enhance reasoning diversity and factual grounding in generated questions.
 - Exploring structured prompt-tuning and answer-aware conditioning as early strategies for improving semantic control and cognitive depth in question generation tasks.
- **Geometry, Vision, and Learning (GVL) Lab, USC | VLA, Multimodal, Embodied AI** *May 2025 – Sept 2025*
Los Angeles, USA
Research Intern Advised by [Yue Wang](#) and [Jiageng Mao](#)
 - Developed a parameter-fusion framework to merge independently trained edge-deployed VLA models (pi0) into a unified expert model for cross-task generalization without raw data access.
 - Proposed few-shot adaptation strategies using user-provided samples and simulator-based exploration to mitigate catastrophic forgetting.
 - Conducted experiments on LIBERO and simulated robotic environments; preliminary results show improved multi-task transferability and policy stability.
- **Digital Media Computing & Design(DCD) Lab, ZJU | LLM, ML, Continual Learning** *Dec 2024 – May 2025*
Hangzhou, China
Research Intern Advised by [Ying Wei](#) and [Yichen Wu](#)
 - Proposed and implemented Parameter Stable LoRA, a novel and efficient adaptation method to mitigate catastrophic forgetting in continual learning scenarios for LLM.
 - From parameter shifts perspective, introduced PS-Loss to constrain parameter shifts and enforce sign alignment. Integrated magnitude-based merging strategy for improved retention and generalization.
 - Achieved state-of-the-art performance on multiple continual learning NLP, CV benchmarks with different backbones, outperforming existing leading methods by up to 3%.

• State Key Lab of CAD&CG, ZJU | 3DV, Motion Generation

Sep 2024 – Dec 2025

Research Intern Advised by [Xiaowei Zhou](#) and [Sida Peng](#)

Hangzhou, China

- Contributed to the development of MotionStreamer, a diffusion–autoregressive framework for streaming 3D human motion generation from long text inputs with incremental decoding.
- Reproduced the autoregressive diffusion component and implemented baseline experiments for HumanML3D and BABEL, supporting analysis of model stability and performance.
- The proposed framework achieved state-of-the-art FID and R-Precision, and can be applied to online multi-round generation, long-term generation and dynamic motion composition.

ACADEMIC & INNOVATION COMPETITIONS

- **Gold Award**, China International College Students Innovation Competition 2025
- **Gold Award**, Zhejiang International College Students Innovation Competition 2025
- **1st Prize**, Chinese National Mathematics Competitions 2024
- **3rd Prize**, Zhejiang Provincial Advanced Mathematics (Calculus) Competition 2023
- **2nd Prize**, Zhejiang Provincial Physics Competition 2023
- **2nd Prize**, National College Student English Competition 2023
- **3rd Prize**, ZJU English Writing Competition 2022

LEADERSHIP & VOLUNTEER

• Converged Media Center, ZJU

Sep 2022–Sep 2025

Director, Technical Department

Hangzhou, China

- Led a team to design and deploy internal duty scheduling and equipment management systems, including web platforms and WeChat mini-programs, with server and database management to ensure backend reliability.
- Organized training sessions on full-stack web development to enhance team members' technical skills.

• Cultural Light Summer Social Practice: Siemens Green Love Program

Jun 2023–Aug 2023

Teaching Volunteer

Qinghai, China

- Designed and delivered high school physics lessons for rural students to foster their interest in science.
- Designed and produced WeChat articles and promotional videos that showcased volunteer work and increased public awareness and engagement in rural education programs.

TECHNICAL EXPERTISE / PROGRAMMING / LANGUAGE

- **Programming Languages:** Python, C/C++
- **Web Technologies & Software Development:** HTML/CSS/Javascript, Vue3, Falsk
- **Database Systems:** MySQL
- **Hardware Design:** CPU design using Verilog
- **Languages:** Chinese (Native), English (TOEFL 107), Japanese (Basic)