

Xiangyue Zhang (章湘粤)

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I am a third year **M.S. student** under the supervision of Prof. Zhigang Tu at **Wuhan University**.
Currently, I am a research intern at Tongyi Lab, **Alibaba Group**, focusing on **Human-centric 2D&3D AIGC**.
My research interest lies in computer vision and graphics, with a current focus on **2D/3D generation, video generation, and Embody AI. Expected graduation in June 2026.**
Language: TOEFL: 96 (R24, L26, S22, W24)

EDUCATION

Wuhan University

M.S. Student. Computer Science and Technology

- **National Scholarship 2025. ¥20,000. Top 3%.**

Wuhan, Hubei

Sep. 2023– Now

Central South University

Bachelor of Geomatics

- GPA: 89.95/100, Minor: Data Science and Big Data Technology

Changsha, Hunan

Sep. 2019– Jun. 2023

SELECTED PUBLICATIONS

StreamTalk: Key-Pose-Guided Diffusion for Real-Time Long-Term Co-Speech Gesture Generation

Xiangyue Zhang*, Jianfang Li*, Jiaxu Zhang, et. al.

Conference (under review)

SemTalk: Holistic Co-speech Motion Generation with Frame-level Semantic Emphasis

Xiangyue Zhang*, Jianfang Li*, Jiaxu Zhang, et. al.

International Conference on Computer Vision (*ICCV*, 2025)

GlobalDiff: Mitigating Error Accumulation in Co-Speech Motion Generation via Global Rotation Diffusion and Multi-Level Constraints

Xiangyue Zhang, Jianfang Li, Jiaxu Zhang, Jianqiang Ren.

The 40th Annual AAAI Conference on Artificial Intelligence (*AAAI* 2026)

EchoMask: Speech-Queried Attention-based Mask Modeling for Holistic Co-Speech Motion Generation

Xiangyue Zhang*, Jianfang Li*, Jiaxu Zhang, et. al.

The 33rd ACM International Conference on Multimedia (*ACM MM* 2025)

Robust 2D Skeleton Action Recognition via Decoupling and Distilling 3D Latent Features

Xiangyue Zhang*, Yifan Jia*, Jiaxu Zhang, Yijie Yang, Zhigang Tu.

IEEE Transactions on Circuits and Systems for Video Technology, 2025 (*T-CSVT*, *IF: 11.1*)

3D Animation
3D Motion Synthesis

3D Motion
Recognition

EXPERIENCE

Research Intern, Tongyi Lab, Alibaba Group

Jun. 2024 – Now

- Advised by: Dr. Liefeng Bo, Prof. Steven Hoi and Dr. Jianfang Li
- During the internship, I participated in the code optimization and research of co-speech 3D motion generation. At the same time, investigated 2D work such as echomimic, hallo, liveportait, etc.
- Research Interest: Co-speech Motion Generation; 3D & 2D Motion Generation;