

JIANG BIAO

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RESEARCH INTERESTS

- **Generative AI** Multi-modal Language Models 3D AIGC
- **Computer Vision** Motion Synthesis Shape Synthesis

EDUCATION

Master Student, Electronic Information Fudan University	2022-2025 (Expected) GPA: 3.7/4.0
B.Sc, Electronic Information Science Sun Yat-sen University	2018-2022 GPA: 3.8/4.0

ACADEMIC EXPERIENCE

Research Intern	Tencent	2023.04 - Present
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PROJECTS

- **Human Motion Generation via Language/Diffusion Models.** Feb. 2022 to Present
Introduced **MotionGPT**, a unified motion-language model to learn the semantic coupling and generate both motions and languages on multiple motion tasks, accepted to **NeurIPS'23**. Further proposed **MotionChain**, a framework for multi-turn motion dialogues incorporating multiple modalities. Presented **Motion-Latent-Diffusion**, a fast and high-quality motion diffusion model. Accepted to **CVPR'23**.

PUBLICATIONS

- MotionGPT: Human Motion as a Foreign Language.
Biao Jiang*, Xin Chen*, Wen Liu, Jingyi Yu, Gang Yu, Tao Chen
Conference on Neural Information Processing Systems (NeurIPS), 2023
[[NeurIPS'23](#) | [Project Page](#) | [Code](#) | [Paper](#) | [Citations 80+](#) | Github Stars **1.3k**]
- Executing your Commands via Motion Diffusion in Latent Space.
Xin Chen*, **Biao Jiang***, Wen Liu, Zilong Huang, Bin Fu, Tao Chen, Jingyi Yu, Gang Yu
IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2023
[[CVPR'23](#) | [Project Page](#) | [Code](#) | [Paper](#) | [Citations 130+](#) | Github Stars **500+**]
- MotionChain: Conversational Motion Controllers via Multimodal Prompts.
Biao Jiang, Xin Chen, Chi Zhang, Jiayuan Fan, Jiayuan Fan, Gang Yu, Tao Chen
[Under Review | [Arxiv](#) | [Code](#)]
- ShapeGPT: 3D Shape Generation with A Unified Multi-modal Language Model.
Fukun Yin, Xin Chen, Chi Zhang, **Biao Jiang**, Jiayuan Fan, Gang Yu, Taihao Li, Tao Chen
[Under Review | [Arxiv](#) | [Project Page](#) | [Code](#)]

AWARDS

- **National Scholarship for Graduate Students** 2023

TECHNICAL SKILLS

Language: English (IELTS 7.0), Chinese(Native)
Programming: Python, Pytorch, C++, Matlab, Html, JavaScript, React, Shell

REFERENCES

[Prof. Tao Chen](#) Supervisor FUDAN UNIVERSITY eetchen@fudan.edu.cn