

Jinyuan Hu

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EDUCATION

University of Wisconsin–Madison

2026 – May 2028 (expected)

B.S. in Computer Sciences

The Chinese University of Hong Kong

2024 – 2026

Mathematics and Information Engineering; transferred to UW–Madison

RESEARCH INTERESTS

I am interested in learning and adaptation through interaction and feedback, with a focus on robotics: adapting robot policies to contact-rich manipulation with limited new experience. My background is RL post-training of vision–language models with verifiable rewards.

RESEARCH EXPERIENCE

CUHK MMLab, research intern with Prof. Xiangyu Yue

2025 – present

PhysEvolve (co-first author; led method, training and evaluation) and OpenGame (second author, core contributor).

Independent

2026 – present

Built an SO-101 arm at home for teleoperation data collection and ACT closed-loop experiments.

PUBLICATIONS

[P1] PhysEvolve: Verifier-Grounded Self-Evolution for Physical Reasoning with Executable Worlds

Jinyuan Hu*, Yilei Jiang*, Chen Tang, Minghong Cai, Xinran Liu, Xiangyu Yue

[\[Paper\]](#) [\[Code\]](#) [\[Project\]](#)

[P2] OpenGame: Open Agentic Coding for Games

Yilei Jiang, Jinyuan Hu, Qianyin Xiao, Yaozhi Zheng, Ruize Ma, Kaituo Feng, Jiaming Han, Tianshuo Peng, Kaixuan Fan, Manyuan Zhang, Xiangyu Yue

[\[Paper\]](#) [\[Code\]](#) [\[Project\]](#)

[P3] VERSE: Verifiable Spatial Self-Evolution with Geometric Process Rewards

Xinran Liu, Yilei Jiang, Tianshuo Peng, Kaixuan Fan, [Jinyuan Hu](#), Xiangyu Yue

* equal contribution

SKILLS

Programming: Python, PyTorch

Frameworks: veRL, vLLM, MuJoCo, LeRobot

Languages: Mandarin (native), English