

Qinlei Xie

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EDUCATION

Dalian University of Technology

Dalian, China

B.S. in Big Data Management and Application | **GPA: 3.69/4.0 (Rank: 5/59)** Sep. 2024 – Jun. 2028 (*Expected*)

- **Relevant Coursework:** Probability and Mathematical Statistics (96), Professional Introduction to Big Data (96), Calculus (93), Introduction to Artificial Intelligence (90), Data Structures and Algorithms (94)

PUBLICATIONS

GameVerse: Can Vision-Language Models Learn from Video-based Reflection? (*ICML 2026, Accepted*)

- Kuan Zhang*, Dongchen Liu*, Qiyue Zhao, Jinkun Hou, Xinran Zhang, **Qinlei Xie**, Miao Liu[†], Yiming Li[†].
- Contributed to evaluation, ablation studies, failure analysis, and writing sections of the main paper and appendix.

RESEARCH EXPERIENCE

Tsinghua University

Beijing, China

Research Intern

GameVerse — Can Vision-Language Models Learn from Video-based Reflection? (*ICML 2026, Accepted*)

- Participated in a benchmark project studying whether vision-language models can improve through video-based reflection in dynamic game environments.
- Contributed to evaluation and ablation studies for Qwen3-VL-8B, Qwen3-VL-32B, GPT-4o-mini, and GPT-4o under different reflection settings.
- Helped analyze model limitations in perception, reasoning, action execution, and post-failure reflection, and participated in writing sections of the main paper and appendix.

Causal Learner (*submitted to NeurIPS 2026*)

- Built a causal video dataset with step-by-step annotations of causal relations, object affordances, and underlying physical mechanisms.
- Explored training vision-language models to better capture causal structure and action constraints for holistic planning and causal reasoning tasks.
- Contributed to writing sections of the main paper and took responsibility for the full appendix.

Shanghai Jiao Tong University

Remote / Shanghai, China

Research Intern

Personalized Review Generation (*submitted to EMNLP 2026*)

- Worked on personalized review generation over large-scale e-commerce datasets, focusing on recommendation-side item filtering and user-specific context construction.
- Assisted in building an RL-based optimization framework to support training and experimentation for personalized generation.

TECHNICAL SKILLS

Languages: Python, C++, Java, SQL

AI & Frameworks: PyTorch, CLIP, Qwen, LLM/VLM Evaluation, Benchmarking, Ablation Studies, Prompt Engineering

Tools: Git, Docker, Linux, VS Code

HONORS & AWARDS

2025: Third Prize, Northeast China Mathematical Contest in Modeling; Third Prize, RoboCup Advanced Vision 3D Detection Competition