LING-AN ZENG

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🎓 EDUCATION

Sun Yat-sen University   2021 – 2025（Expected）

Ph.D. in Computer Science and Technology   Supervisor: Professor Wei-Shi Zheng

Sun Yat-sen University   2019 – 2021

Master's in Computer Technology   Supervisor: Professor Wei-Shi Zheng

University of Electronic Science and Technology of China   2015 – 2019

Bachelor's in Software Engineering

PUBLICATIONS

My research interests include video understanding and 3D human motion generation. I also have a strong interest in image and video generation.

(† means equal contribution, * refers to corresponding author.)

- **Ling-An Zeng**†, Guohong Huang†, Yi-Lin Wei, Shengbo Gu, Yu-Ming Tang, Jingke Meng*, Wei-Shi Zheng*. "ChainHOI: Joint-based Kinematic Chain Modeling for Human-Object Interaction Generation." **CVPR** 2025.

- **Ling-An Zeng**, Guohong Huang, Gaojie Wu, Wei-Shi Zheng*. "Light-T2M: A Lightweight and Fast Model for Text-to-motion Generation." **AAAI** 2025.

- **Ling-An Zeng**, Gaojie Wu, Ancong Wu*, Jian-Fang Hu, and Wei-Shi Zheng. "Progressive Human Motion Generation Based on Text and Few Motion Frames." *arXiv* 2025.

- Guohong Huang†, **Ling-An Zeng**†, Zexin Zheng, Shengbo Gu, and Wei-Shi Zheng*. "Efficient Explicit Joint-level Interaction Modeling with Mamba for Text-guided HOI Generation." **ICME** 2025.

- Xiao Li, Xiao-Ming Wu, Delong Zhang, Kun-Yu Lin, Yixing Peng, **Ling-An Zeng**, Wei-Shi Zheng*. "NoiseActor: A Noise-Action Collaborative Framework for Privacy-Preserving Action Recognition without Privacy Labels." **ICME** 2025.

- Yi-Lin Wei, Mu Lin, Yuhao Lin, Jian-Jian Jiang, Xiao-Ming Wu, **Liang-An Zeng**, Wei-Shi Zheng*. "AffordDexGrasp: Open-set Language-guided Dexterous Grasp with Generalizable-Instructive Affordance." *arXiv* 2025.

- Jian-Jian Jiang, Xiao-Ming Wu, Yi-Xiang He, **Ling-An Zeng**, Yi-Lin Wei, Dandan Zhang, Wei-Shi Zheng*. "Rethinking Bimanual Robotic Manipulation: Learning with Decoupled Interaction Framework." *arXiv* 2025.

- Yuan-Ming Li†, An-Lan Wang†, Kun-Yu Lin, Yu-Ming Tang, **Ling-An Zeng**, Jian-Fang Hu, Wei-Shi Zheng*. "TechCoach: Towards Technical Keypoint-Aware Descriptive Action Coaching." **arXiv** 2024.

- Xiao Li, Yu-Kun Qiu, Yi-Xing Peng, **Ling-An Zeng**, Wei-Shi Zheng. "Privacy-Preserving Action Recognition: A Survey." **PRCV** 2024.

- Yuan-Ming Li†, Wei-Jin Huang†, An-Lan Wang†, **Ling-An Zeng**, Jing-Ke Meng*, Wei-Shi Zheng*. "EgoExo-Fitness: Towards Egocentric and Exocentric Full-Body Action Understanding." **ECCV** 2024.

- Gaojie Wu, **Ling-An Zeng**, Jing-Ke Meng*, Wei-Shi Zheng. "Adaptive Weight Generator for Multi-Task Image Recognition by Task Grouping Prompt." **TMM** 2024.

- Yuan-Ming Li, **Ling-An Zeng**, Jing-Ke Meng*, Wei-Shi Zheng*. "Continual Action Assessment via Task-Consistent Score-Discriminative Feature Distribution Modeling." **TCSVT** 2024.
- **Ling-An Zeng**, Wei-Shi Zheng*. "Multimodal action quality assessment." **TIP** 2024.
- Angchi Xu, **Ling-An Zeng**, Wei-Shi Zheng*. "Likert Scoring With Grade Decoupling for Long-Term Action Assessment." **CVPR** 2022.
- **Ling-An Zeng**, Fa-Ting Hong, Wei-Shi Zheng*, Qi-Zhi Yu, Wei Zeng, Yao-Wei Wang, Jian-Huang Lai. "Hybrid dynamic-static context-aware attention network for action assessment in long videos." **ACM MM** 2020.

ACADEMIC SERVICES

- Journal Reviewer: Transactions on Machine Learning Research (TMLR).
- Conference Reviewer: CVPR, ICCV, ECCV, NeurIPS, ICLR, ICML, AAAI, ACM MM, ICME.

EXPERIENCE

Bilibili Research Intern	2020.07-2020.11

- Anime Line Art Auto-Coloring (Generation)

ByteDance Research Intern	2018.11-2019.01

- Document Retrieval and Article Deduplication

COMPETITION EXPERIENCE

NeurIPS 2024 Outstanding Reviewer Award		2024.11
Mathematical Contest in Modeling	Meritorious Winner	2018.02
ICPC-ACM Programming Contest, Shenyang Regional Contest	Bronze Medal	2017.10
ACM Sichuan Province Programming Contest	Gold Medal	2017.06