Jing Tan

CONTACT INFORMATION	Room 703, Ho Sin-Hang Engineering Building, The Chinese University of Hong Kong, Shatin N.T. Hong Kong	sparkstj.github.io jingtan@ie.cuhk.edu.hk

RESEARCH INTERESTS

3D Scene Creation, 3D Content Creation

EDUCATION

Department of Information Engineering, The Chinese University of Hong Kong Hong Kong SAR
Ph.D. Student in MMLab Aug. 2023 – Present
Supervisor: Prof. Dahua Lin

Department of Computer Science and Technology, Nanjing University Nanjing, China
Master in MCG Lab Sept. 2020 – June 2023
Supervisor: Prof. Limin Wang

Kuang Yaming Honors School, Nanjing University Nanjing, China
B.Sc., Major in Computer Science (GPA 4.44/5, Rank 3/29). Sept. 2016 – June 2020

International Study Program in Letters and Science, UC Berkeley Berkeley, USA
Exchange program. Aug. 2018 – Dec. 2018

PUBLICATION

- **Jing Tan***, Shuai Yang*, Tong Wu, Jingwen He, Yuwei Guo, Ziwei Liu, Dahua Lin, *Imagine360: Immersive 360 Video Generation from Perspective Anchor*, *arXiv*, 2024. (*: equal contribution)

- Shuai Yang*, **Jing Tan***, Mengchen Zhang, Tong Wu, Yixuan Li, Gordon Wetzstein, Ziwei Liu, Dahua Lin, *LayerPano3D: Layered 3D Panorama for Hyper-Immersive Scene Generation*, *arXiv*, 2024. (*: equal contribution)

- **Jing Tan**, Yuhong Wang, Gangshan Wu, Limin Wang, *Temporal Perceiver: A General Architecture for Generic Boundary Detection*, in **T-PAMI**, 2023.

- **Jing Tan**, Xiaotong Zhao, Xintian Shi, Bin Kang, Limin Wang, *PointTAD: Multi-label Temporal Action Detection with Learnable Query Points*, in **NeurIPS**, 2022.

- **Jing Tan***, Jiaqi Tang*, Limin Wang, Gangshan Wu, *Relaxed Transformer Decoders for Direct Action Proposal Generation*, in **ICCV**, 2021. (*: equal contribution)

- Mengchen Zhang, Tong Wu, **Jing Tan**, Ziwei Liu, Gordon Wetzstein, Dahua Lin, *GenDoP: Auto-regressive Camera Trajectory Generation as a Director of Photography* , in *arXiv*, 2025.

- Zhibing Li, Tong Wu, **Jing Tan**, Mengchen Zhang, Jiaqi Wang, Dahua Lin, *IDArb: Intrinsic Decomposition for Arbitrary Number of Input Views and Illuminations*, in **ICLR**, 2025.

- Zhenzhi Wang, Yixuan Li, Yanhong Zeng, Youqing Fang, Yuwei Guo, Wenran Liu, **Jing Tan**, Kai Chen, Tianfan Xue, Bo Dai, Dahua Lin, *HumanVid: Demystifying Training Data for Camera-controllable Human Image Animation*, in **NeurIPS D&B Track**, 2024.

- Yuhan Zhu, Guozhen Zhang, **Jing Tan**, Gangshan Wu, Limin Wang, *Dual DETRs for Multi-Label Temporal Action Detection*, in **CVPR**, 2024.

HONORS AND AWARDS (SELECTED)

- Outstanding Master Thesis Award (3/226) Nanjing University 2023
- Outstanding Graduate of Nanjing University (20%) Nanjing University 2023
- National Scholarship (6/226) Ministry of Education 2022
- 3rd Place, GEBD-LOVEU Challenge @ CVPR'22 Workshop Committee 2022
- Outstanding Postgraduate Student Award Nanjing University 2021
- 1st Prize, Scholarship for Postgraduate Students (20%) Nanjing University 2020 & 2021
- 2nd Prize, Academic Outstanding Scholarship for Elite Class Nanjing University 2017 & 2018

SERVICES

Regular Reviewer for CVPR, ICCV, ECCV, NeurIPS, ICLR, IJCV.

Teaching assistant
IERG 4998 & 4999 Final Year Project (2023-2024) CUHK
Digital Logic Design and Computer Organization (2021 Spring) Nanjing University