

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 jingtanj@ie.cuhk.edu.hk														
RESEARCH INTERESTS	Generative AI, Video analysis and understanding															
EDUCATION	Department of Information Engineering, The Chinese University of Hong Kong Ph.D. Student in MMLab Supervisor: Prof. Dahua Lin Department of Computer Science and Technology, Nanjing University Master in MCG Lab Supervisor: Prof. Limin Wang Kuang Yaming Honors School, Nanjing University B.Sc., Major in Computer Science (GPA 4.44/5, Rank 3/29).	Hong Kong SAR Aug. 2023 – Present Nanjing, China Sept. 2020 – June 2023 Nanjing, China Sept. 2016 – June 2020														
PUBLICATION	<ul style="list-style-type: none">• Jing Tan*, Shuai Yang, Tong Wu, Jingwen He, Yuwei Guo, Ziwei Liu, Dahua Lin, <i>Imagine360: Immersive 360 Video Generation from Perspective Anchor</i>, <i>arXiv</i>, 2024.• Shuai Yang*, Jing Tan*, Mengchen Zhang, Tong Wu, Yixuan Li, Gordon Wetzstein, Ziwei Liu, Dahua Lin, <i>LayerPano3D: Layered 3D Panorama for Hyper-Immersive Scene Generation</i>, <i>arXiv</i>, 2024.• Zhibing Li, Tong Wu, Jing Tan, Mengchen Zhang, Jiaqi Wang, Dahua Lin, <i>IDArb: Intrinsic Decomposition for Arbitrary Number of Input Views and Illuminations</i>, 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, <i>HumanVid: Demystifying Training Data for Camera-controllable Human Image Animation</i>, in NeurIPS D&B Track, 2024.• Yuhan Zhu, Guozhen Zhang, Jing Tan, Gangshan Wu, Limin Wang, <i>Dual DETRs for Multi-Label Temporal Action Detection</i>, in CVPR, 2024.• Jing Tan, Yuhong Wang, Gangshan Wu, Limin Wang, <i>Temporal Perceiver: A General Architecture for Generic Boundary Detection</i>, in T-PAMI, 2023.• Jing Tan, Xiaotong Zhao, Xintian Shi, Bin Kang, Limin Wang, <i>PointTAD: Multi-label Temporal Action Detection with Learnable Query Points</i>, in NeurIPS, 2022.• Jing Tan*, Jiaqi Tang*, Limin Wang, Gangshan Wu, <i>Relaxed Transformer Decoders for Direct Action Proposal Generation</i>, in ICCV, 2021.															
HONORS AND AWARDS (SELECTED)	<ul style="list-style-type: none">• Outstanding Master Thesis Award (3/226)• Outstanding Graduate of Nanjing University (20%)• National Scholarship (6/226)• 3rd Place, GEBD-LOVEU Challenge @ CVPR'22• Outstanding Postgraduate Student Award• 1st Prize, Scholarship for Postgraduate Students (20%)• 2nd Prize, Academic Outstanding Scholarship for Elite Class	<table><tr><td>Nanjing University</td><td>2023</td></tr><tr><td>Nanjing University</td><td>2023</td></tr><tr><td>Ministry of Education</td><td>2022</td></tr><tr><td>Workshop Committee</td><td>2022</td></tr><tr><td>Nanjing University</td><td>2021</td></tr><tr><td>Nanjing University</td><td>2020 & 2021</td></tr><tr><td>Nanjing University</td><td>2017 & 2018</td></tr></table>	Nanjing University	2023	Nanjing University	2023	Ministry of Education	2022	Workshop Committee	2022	Nanjing University	2021	Nanjing University	2020 & 2021	Nanjing University	2017 & 2018
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INTERNSHIP	Video Understanding Intern <i>Platform and Content Group, Tencent</i> <ul style="list-style-type: none">• Build a sparse, query-based temporal action detector to locate concurrent instances in multi-label videos and egocentric videos. This detector is end-to-end trainable and requires only RGB frame input, which is easy for online deployment and automatic video processing.	Beijing, China Dec. 2021 - June 2023														
SERVICES	Regular Reviewer for CVPR, ICCV, ECCV, NeurIPS, ICML, ICLR, IJCV. Teaching assistant IERG 4998 & 4999 Final Year Project Digital Logic Design and Computer Organization	CUHK Nanjing University														