

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	Computer Vision: 3D generative AI, Video analysis and understanding Machine Learning: Deep learning	
EDUCATION	Department of Information Engineering, The Chinese University of Hong Kong Ph.D. Student in MMLab Supervisor: Prof. Dahua Lin Aug. 2023 – Present	Hong Kong SAR
	Department of Computer Science and Technology, Nanjing University Master in MCG Lab Supervisor: Prof. Limin Wang Sept. 2020 – June 2023	Nanjing, China
	Kuang Yaming Honors School, Nanjing University B.Sc., Major in Computer Science (GPA 4.44/5, Rank 3/29).	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.• 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	Nanjing University Nanjing University Ministry of Education Workshop Committee Nanjing University Nanjing University Nanjing University 2023 2023 2022 2022 2021 2020 & 2021 2017 & 2018
INTERNSHIP	Video Algorithm Intern Platform and Content Group, Tencent	Beijing, China Dec. 2021 - June 2023
	<ul style="list-style-type: none">• Build a sparse, query-based temporal action detector that is able to precisely localize concurrent instances in multi-label videos and egocentric videos. This temporal action detector is end-to-end trainable with feature extractor and requires only RGB frame input, which is easy for online deployment and automatic video processing.	
SERVICES	Reviewer for CVPR, ICCV, ECCV, NeurIPS, ICML, ICLR, IJCV. IERG 4998 & 4999 Final Year Project Teaching assistant Digital Logic Design and Computer Organization Teaching assistant	Regular CUHK Aug. 2023 - June 2024 Nanjing University Mar. 2021 - July 2021