

# Jing Tan

CONTACT INFORMATION	Room 703, Ho Sin-Hang Engineering Building, The Chinese University of Hong Kong, Shatin N.T. Hong Kong	<a href="https://sparkstj.github.io">sparkstj.github.io</a> <a href="mailto:jingtanj@ie.cuhk.edu.hk">jingtanj@ie.cuhk.edu.hk</a>
RESEARCH INTERESTS	3D Scene Creation, 3D Content Creation	
EDUCATION	<b>Department of Information Engineering, The Chinese University of Hong Kong</b> Hong Kong SAR Ph.D. Student in <a href="#">MMLab</a> Aug. 2023 – Present Supervisor: <a href="#">Prof. Dahua Lin</a> <b>Department of Computer Science and Technology, Nanjing University</b> Nanjing, China Master in <a href="#">MCG Lab</a> Sept. 2020 – June 2023 Supervisor: <a href="#">Prof. Limin Wang</a> <b>Kuang Yaming Honors School, Nanjing University</b> Nanjing, China B.Sc., Major in Computer Science and Technology (GPA 4.44/5, Rank 3/29). Sept. 2016 – June 2020 <b>International Study Program in Letters and Science, UC Berkeley</b> Berkeley, USA Undergraduate Visiting Program. Aug. 2018 – Dec. 2018	
PUBLICATION	<ul style="list-style-type: none"><li>• <b>Jing Tan*</b>, 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. (*: equal contribution)</li><li>• Shuai Yang*, <b>Jing Tan*</b>, Mengchen Zhang, Tong Wu, Yixuan Li, Gordon Wetzstein, Ziwei Liu, Dahua Lin, <i>LayerPano3D: Layered 3D Panorama for Hyper-Immersive Scene Generation</i>, <b>SIGGRAPH (conference track)</b>, 2025. (*: equal contribution)</li><li>• <b>Jing Tan</b>, Yuhong Wang, Gangshan Wu, Limin Wang, <i>Temporal Perceiver: A General Architecture for Generic Boundary Detection</i>, in <b>T-PAMI</b>, 2023.</li><li>• <b>Jing Tan</b>, Xiaotong Zhao, Xintian Shi, Bin Kang, Limin Wang, <i>PointTAD: Multi-label Temporal Action Detection with Learnable Query Points</i>, in <b>NeurIPS</b>, 2022.</li><li>• <b>Jing Tan*</b>, Jiaqi Tang*, Limin Wang, Gangshan Wu, <i>Relaxed Transformer Decoders for Direct Action Proposal Generation</i>, in <b>ICCV</b>, 2021. (*: equal contribution)</li><li>• Mengchen Zhang, Tong Wu, <b>Jing Tan</b>, Ziwei Liu, Gordon Wetzstein, Dahua Lin, <i>GenDoP: Auto-regressive Camera Trajectory Generation as a Director of Photography</i>, in <i>arXiv</i>, 2025.</li><li>• Zhibing Li, Tong Wu, <b>Jing Tan</b>, Mengchen Zhang, Jiaqi Wang, Dahua Lin, <i>IDArb: Intrinsic Decomposition for Arbitrary Number of Input Views and Illuminations</i>, in <b>ICLR</b>, 2025.</li><li>• Zhenzhi Wang, Yixuan Li, Yanhong Zeng, Youqing Fang, Yuwei Guo, Wenran Liu, <b>Jing Tan</b>, Kai Chen, Tianfan Xue, Bo Dai, Dahua Lin, <i>HumanVid: Demystifying Training Data for Camera-controllable Human Image Animation</i>, in <b>NeurIPS D&amp;B Track</b>, 2024.</li><li>• Yuhan Zhu, Guozhen Zhang, <b>Jing Tan</b>, Gangshan Wu, Limin Wang, <i>Dual DETRs for Multi-Label Temporal Action Detection</i>, in <b>CVPR</b>, 2024.</li></ul>	
HONORS AND AWARDS (SELECTED)	<ul style="list-style-type: none"><li>• Outstanding Master Thesis Award (3/226) Nanjing University 2023</li><li>• Outstanding Graduate of Nanjing University (20%) Nanjing University 2023</li><li>• National Scholarship (6/226) Ministry of Education 2022</li><li>• 3rd Place, GEBD-LOVEU Challenge @ CVPR'22 Workshop Committee 2022</li><li>• Outstanding Postgraduate Student Award Nanjing University 2021</li><li>• 1st Prize, Scholarship for Postgraduate Students (20%) Nanjing University 2020 &amp; 2021</li><li>• 2nd Prize, Academic Outstanding Scholarship for Elite Class Nanjing University 2017 &amp; 2018</li></ul>	
SERVICES	<b>Regular Reviewer</b> for CVPR, ICCV, ECCV, NeurIPS, ICLR, IJCV. <b>Teaching assistant</b> IERG 4998 & 4999 Final Year Project (2023-2024) CUHK Digital Logic Design and Computer Organization (2021 Spring) Nanjing University	