

JINKUN CAO

Email: jinkuncao@gmail.com / jinkunc@andrew.cmu.edu

Homepage: www.jinkuncao.com (not always up-to-date)

EDUCATION	Carnegie Mellon University, Ph.D. Advisor: Kris Kitani	2020 -
	Shanghai Jiao Tong University, B.Eng	2016 - 2020
PUBLICATION	<i>Track Targets with Dense Spatio-Temporal Position Encoding</i> [arxiv] Jinkun Cao , Hao Wu, Kris Kitani	[BMVC(Oral)] 2022
	<i>An Empirical Study of Disentanglement for Contrastive Learning without Negatives</i> Jinkun Cao , Ruiqian Nai, Qing Yang, Jialei Huang, Yang Gao [arxiv]	[NeurIPS] 2022
	<i>DanceTrack: Multi-Object Tracking in Uniform Appearance and Diverse Motion</i> [paper] Jinkun Cao* , Peize Sun*, Yi Jiang, Zehuan Yuan, Song Bai, Kris Kitani, Ping Luo	[CVPR] 2022
	<i>Instance-Aware Predictive Navigation in Multi-Agent Environments</i> [paper] Jinkun Cao , Xin Wang, Trevor Darrell, Fisher Yu	[ICRA] 2021
	<i>Attribute Restoration Framework for Anomaly Detection</i> [paper] Chaoqing Huang*, Fei Ye*, Jinkun Cao , Maosen Li, Ya Zhang, and Cewu Lu	[IEEE Trans on Multimedia] 2020
	<i>Cross-Domain Adaptation for Animal Pose Estimation</i> [paper] Jinkun Cao , Hongyang Tang, Hao-Shu Fang, Xiaoyong Shen, Cewu Lu, Yu-Wing Tai	[ICCV(Oral)] 2019
	<i>Pairwise Body-Part Attention for Recognizing Human-Object Interactions</i> [paper] Hao-Shu Fang, Jinkun Cao , Yu-Wing Tai, Cewu Lu	[ECCV] 2018
RESEARCH EXPERIENCE	Bytedance AI Lab, Research Intern with Yuning Jiang and Hao Wu on <i>video analysis and understanding</i>	2020.5 - 2020.8
	Berkeley Artificial Intelligence Research, Visiting Student with Trevor Darrell and Fisher Yu on <i>multi-agent forecasting and planning</i>	2019.7 - 2019.12
	Tencent YouTu X-Lab, Research Intern with Xiaoyong Shen and Yu-Wing Tai on <i>domain adaptation</i>	2018.7 - 2018.9
SCHOLARSHIP & AWARD	NeurIPS Top Reviewer, NeurIPS Travel Award, CMU Graduate Travel Grants, CVPR 2022 Workshop Travel Grants, CMU Graduate Fellowship, Yuan-Qing Yang Foundation Scholarship, MengJiaChenYue Scholarship, Oversea Visiting Funding Scholarship, National Scholarship, A-Class Academic Excellence Scholarship (top 1% in SJTU), B-Class Academic Excellence Scholarship, SJTU Merit Student, National Scholarship for Encouragement, SJTU-Wish Scholarship, SJTU-Adrian Scholarship,	2022 2022 2022 2022 2020 2020 2019 2019 2019 2018 2017, 2019 2017, 2018 2017, 2018 2017 2016
SERVICES	School Service TA of 16720 Computer Vision, 2022 Spring TA of 16824 Visual Learning Recognition, 2022 Fall	