Junpeng Jing

Curriculum Vitae

Imperial College London, UK
✉ *j.jing23@imperial.ac.uk*
🖥 *tomtomtommi.github.io*
PhD Student

EDUCATION

2023.9 – Present
PhD student, *Dept. of Electrical and Electronic Engineering*, Imperial College London, UK.
○ Group: MatchLab
○ Supervisor: Prof. Krystian Mikolajczyk

2020.9 – 2023.1
Master, *Dept. of Cyber Science and Technology*, Beihang University, C.N..
○ GPA: 3.85/4.0 (1/26)
○ Group: Multimedia Computing Towards Communications (MC2 Lab)
○ Topics: Stereo Image Super-Resolution, Reversible Image Conversion, Compression
○ Supervisor: Prof. Zhenyu Guan, Prof. Mai Xu, and Associate Prof. Xin Deng

2016.9 – 2020.7
Bachelor, *Dept. of Electronic Information Engineering*, Beihang University, C.N..
○ Thesis Supervisor: Prof. Zhenyu Guan

INTERNSHIP

2022.5 – Present
Research Intern, *IS Group*, Megvii Research (also known as Face++ until July, 2016).
○ Topic: Stereo Matching
○ Supervisor: Jiankun Li, Jiangyu Liu, and Prof. Shuaicheng Liu

PUBLICATIONS

The publications are also listed in my *Google Scholar Page*.

2023 [1] **Junpeng Jing**, Jiankun Li, Peifeng Xiong, Jiangyu Liu, Shuaicheng Liu, Yichen Guo, Xin Deng, Mai Xu, Lai Jiang, Leonid Sigal. *Uncertainty Guided Adaptive Warping for Robust and Efficient Stereo Matching.* Proceedings of the IEEE/CVF International Conference on Computer Vision (**ICCV 2023**). (*Arxiv*)

2022 [2] Zhenyu Guan[1], **Junpeng Jing**[1], Xin Deng, Mai Xu, Lai Jiang, Zhou Zhang, Yipeng Li. *DeepMIH: Deep Invertible Network for Multiple Image Hiding.* IEEE Transactions on Pattern Analysis and Machine Intelligence (**TPAMI**). (*Paper*) (*Code*)

2021 [3] **Junpeng Jing**[1], Xin Deng[1], Mai Xu, Jianyi Wang, Zhenyu Guan. *HiNet: Deep Image Hiding by Invertible Network.* Proceedings of the IEEE/CVF International Conference on Computer Vision (**ICCV 2021**). (*Paper*) (*Code*)

COMPETITIONS

2022 [1] **Winner** (**1st**) at Robust Vision Challenge 2022, **ECCV Workshop**. (*Certificate*)
– Stereo Matching Track   ***1st Author***

2022 [2] **6th** place at NTIRE Challenge 2022, **CVPR Workshop**
– Stereo Image Super-Resolution Track   ***1st Author***

PATENT

2022 [1] An Image Hiding Technology and Method. C.N. 202011290006.9

SCHOLARSHIPS

2022	Top-10 Graduate Students	*Top 0.5%, 10,000¥*
	– Highest Honor for the Graduates in Beihang University	
2021	National Scholarship	*Top 1%, 20,000¥*
	– Awarded by the National Ministry of Education	
2021	Postgraduate Academic Scholarship	*1st Prize, 7,500¥*
2020	Postgraduate Academic Scholarship	*2nd Prize, 5,000¥*
2018	Science and Technology Scholarship of Beihang University	*1st Prize, 2,000¥*
2017	Science and Technology Scholarship of Beihang University	*2nd Prize, 1,000¥*

HONORS & AWARDS

2022	Outstanding Thesis Award (Master)	*Top 1%*
2021	Outstanding Graduate Student	*Top 5%*
2021	Merit Student	*Top 5%*
2019	National College-student Electronics Design Contest	*1st Author & 2nd Prize*
2019	29th Feng Ru Cup on "Nokia" Innovation Competition	*1st Author & 2nd Prize*
2018	Beijing College-student Electronics Design Contest	*1st Author & 2nd Prize*
2018	COMAP's Mathematical Contest in Modeling	*Honorable Winner*
2017	27th Feng Ru Cup on Innovation Competition	*1st Author & 3rd Prize*

PROJECT

2018 – 2019 National College Student Innovation and Entrepreneurship Training Program
– Autonomous Tracking UAV Based on Deep Learning *1st Author*

ACADEMIC SERVICE

Conference Reviewer: CVPR 2023, ICCV 2023
Journal Reviewer: IJCV, Trans. on Cybernetics