

# Junpeng Jing

## Curriculum Vitae

Imperial College London, UK

✉ [jj323@ic.ac.uk](mailto:jj323@ic.ac.uk)

📁 [tomtomtommi.github.io](https://github.com/tomtomtommi)

PhD Student

## EDUCATION

- 2023.9 – **PhD student**, *Dept. of Electrical and Electronic Engineering*, Imperial College London, UK.  
Present
  - Group: MatchLab
  - Advisor: Prof. Krystian Mikolajczyk
- 2020.9 – **Master**, *Dept. of Cyber Science and Technology*, Beihang University, C.N..  
2023.1
  - GPA: 3.85/4.0 (1/26)
  - Group: Multimedia Computing Towards Communications (MC2 Lab)
  - Topics: Stereo Image Super-Resolution, Reversible Image Conversion, Compression
  - Advisor: Prof. Zhenyu Guan, Prof. Mai Xu, and Prof. Xin Deng
- 2016.9 – **Bachelor**, *Dept. of Electronic Information Engineering*, Beihang University, C.N..  
2020.7

## INTERNSHIP

- 2022.5 – **Research Intern**, *IS Group*, Megvii Research (also known as Face++ until July, 2016).  
Present
  - Topic: **Stereo Matching**
  - Advisor: 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**).
- 2022 [2] Zhenyu Guan<sup>1</sup>, **Junpeng Jing**<sup>1</sup>, 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**<sup>1</sup>, Xin Deng<sup>1</sup>, 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 – Highest Honor for the Graduates in Beihang University	<b><i>Top 0.5%, 10,000¥</i></b>
2021	National Scholarship – Awarded by the National Ministry of Education	<b><i>Top 1%, 20,000¥</i></b>
2021	Postgraduate Academic Scholarship	<b><i>1st Prize, 7,500¥</i></b>
2020	Postgraduate Academic Scholarship	<b><i>2nd Prize, 5,000¥</i></b>
2018	Science and Technology Scholarship of Beihang University	<b><i>1st Prize, 2,000¥</i></b>
2017	Science and Technology Scholarship of Beihang University	<b><i>2nd Prize, 1,000¥</i></b>

## HONORS & AWARDS

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

## PROJECT

2018 – 2019	National College Student Innovation and Entrepreneurship Training Program – Autonomous Tracking UAV Based on Deep Learning	<b><i>1st Author</i></b>
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## ACADEMIC SERVICE

Conference Reviewer: CVPR 2023, ICCV 2023

Journal Reviewer: Trans. on Cybernetics