

TAO WANG

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🎓 EDUCATION

Peking University, Beijing, China 2020 – Present

Master student in Computer Science

Dalian Maritime University, Dalian, China 2016 – 2020

B.S. in Automation, Rank:2/126

👥 PUBLICATIONS

1. Tao Wang, Hong Liu, Pinhao Song, Tianyu Guo, and Wei Shi. Pose-guided feature disentangling for occluded person re-identification based on transformer. In Proceedings of the AAAI Conference on Artificial Intelligence (AAAI), volume 36, pages 2540–2549, 2022. (CCF-A)
2. Tianyu Guo, Hong Liu, Zhan Chen, Mengyuan Liu, Tao Wang, Runwei Ding. Contrastive learning from extremely augmented skeleton sequences for self-supervised action recognition. In Proceedings of the AAAI Conference on Artificial Intelligence (AAAI), volume 36, pages 762–770, 2022. (CCF-A)
3. Tao Wang, Can Zhang, Runwei Ding, Geyang. Mobile phone surface defect detection based on improved faster r-cnn. 2020 25th International Conference on Pattern Recognition (ICPR), 9371–9377. (CCF-C)
4. Pinhao Song, Peng Li, Linhui Dai, Tao Wang, Zhan Chen. Boosting R-CNN: Reweighting R-CNN samples by RPN's error for underwater object detection. **Neurocomputing** 530, 150–164. (CCF-C)
5. Miaoju Ban, Runwei Ding, Jian Zhang, Tianyu Guo, Tao Wang. PDD-Net: A Precise Defect Detection Network Based on Point Set Representation. ICASSP 2022-2022 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP), 2350–2354. (CCF-B)

👥 EXPERIENCE

Ant-Group Inc. Hangzhou, China 2022.07 – 2022.09

Computer Vision Algorithm Summer Intern

Intel Inc. China 2019.10 – 2020.01

Software Development Summer Intern

Technological Innovation 2030-“New Generation Artificial Intelligence”: Major Project: Key Technologies for Autonomous Learning and Evolution of Indoor Service Robots Based on Digital Twins July. 2020 – Present

National key research and development plan: development and demonstration application of flexible robot automation production line for smart phone production July. 2020 – Present

⚙️ SKILLS

- Programming Languages: Python, Matlab, C++
- Platform: Linux
- Development: Pytorch, Git

♡ HONORS AND AWARDS

3rd Prize of Peking University Scholarship 2022

Merit Student of PKU 2022

<i>Merit Student of PKU</i>	2021
<i>Excellent Graduation Thesis (Top 4%)</i>	2020
<i>Outstanding graduates (Top 4%)</i>	2020
<i>1st Prize Scholarship (Top 1%)</i>	2019
<i>Honorable Mention in Mathematical Contest in Modelin</i>	2019
<i>1st Prize Scholarship (Top 1%)</i>	2018
<i>1st Prize Scholarship (Top 1%)</i>	2017

i MISCELLANEOUS

- Blog: wangtaoas.github.io
- GitHub: <https://github.com/WangTaoAs>
- Languages: English - Fluent, Mandarin - Native speaker