

WENHAO WANG

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🎓 EDUCATION

University of Technology Sydney, Sydney, Australia 2022 – Present

Ph.D student in Computer Science (CS), advised by Prof. Yi Yang.

Beihang University, Beijing, China 2017 – 2021

Bachelor Degree in Statistics

👥 EXPERIENCE

Baidu Research, Beijing, China 2021 – 2022

Research Assistant Manager: Yifan Sun, Yi Yang

Inception Institute of Artificial Intelligence, Abu Dhabi, United Arab Emirates 2020 – 2021

Research Intern Manager: Fang Zhao, Shengcai Liao

🏆 AWARDS

2nd Place in CVPR 2023 Meta AI Video Similarity Challenge Jun. 2023

1st Place in CVPR 2022 FGVC9: eBay eProduct Visual Search Challenge Jun. 2022

1st Place in NeurIPS 2021 Facebook AI Image Similarity Challenge Nov. 2021

1st Place in CVPR 2021 The 3rd Large-scale Video Object Segmentation Challenge Jun. 2021

Shenyuan Medal (Top 10 Undergraduate) in Beihang University Dec. 2020

📖 PUBLICATIONS

1. **Wenhao Wang**, Yifan Sun, Yi Yang. *A benchmark and asymmetrical-similarity learning for practical image copy detection*, in **AAAI**, **Oral**, 2023.
2. **Wenhao Wang**, Fang Zhao, Shengcai Liao, Ling Shao. *Attentive waveblock: complementarity-enhanced mutual networks for unsupervised domain adaptation in person re-identification and beyond*, in *IEEE Transactions on Image Processing (TIP)*, 2022.
3. Fang Zhao, **Wenhao Wang**, Shengcai Liao, Ling Shao. *Learning anchored unsigned distance functions with gradient direction alignment for single-view garment reconstruction*, in *International Conference on Computer Vision (ICCV)*, **Oral**, 2021.
4. **Wenhao Wang**, Shengcai Liao, Fang Zhao, Cuicui Kang, Ling Shao. *Domainmix: Learning generalizable person re-identification without human annotations*, in *British Machine Vision Conference (BMVC)*, 2021.
5. **Wenhao Wang**. *Detection of panoramic vision pedestrian based on deep learning*, in *Image and Vision Computing (IVC)*, 2020.

📖 PREPRINT

1. **Wenhao Wang**, Yifan Sun, Yi Yang. *TransHP: Image Classification with Hierarchical Prompting*, 2023.