Wenhao Wang

✉ wangwenhao0716@gmail.com · % https://wangwenhao0716.github.io/ · Google Scholar

🎓 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, Wei Li, Yi Yang. *TransHP: Image Classification with Hierarchical Prompting*, in Neural Information Processing Systems (**NeurIPS**), 2023.

2. **Wenhao Wang**, Yifan Sun, Yi Yang. *A benchmark and asymmetrical-similarity learning for practical image copy detection*, in Association for the Advancement of Artificial Intelligence (**AAAI**), **Oral**, 2023.

3. **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.

4. 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.

5. **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.

6. **Wenhao Wang**. *Detection of panoramic vision pedestrian based on deep learning*, in Image and Vision Computing (**IVC**), 2020.

📖 Preprint