

Kaixiong Gong 龚凯雄

Master Candidate, CS, BIT

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EDUCATION

Beijing Institute of Technology 北京理工大学

M. S. in Computer Science and Technology by Prof. Shuang Li

Research Topics: Transfer Learning, Long-tailed Learning

Beijing Institute of Technology 北京理工大学

B. S. in Software Engineering

GPA: 88.4/100 (Top 5.4%)

Beijing, China

Sep. 2020 - Jul. 2023

Beijing, China

Sep. 2016 - Jul. 2020

REWARDS & HONORS

National Scholarship 国家奖学金 , Ministry of Education of China (TOP 2%)

2021

Merit Graduate of Beijing

2020

Merit Graduate of Beijing Institute of Technology

2020

Scholarship of “Huarui Shiji” (Top 5%)

2018

The First Prize Scholarship of Beijing Institute of Technology

2018

PUBLICATIONS & PREPRINTS

1. **Kaixiong Gong**, Shuang, Li, Shugang Li, Rui Zhang, Chi Harold Liu, Qiang Chen. “Improving Transferability for Domain Adaptive Detection Transformers”. *ACM Multimedia (ACM MM)* 2022.
2. Shuang Li, **Kaixiong Gong**, Binhui Xie, Chi Harold Liu, Weipeng Cao, Song Tian. “Critical Classes and Samples Discovering for Partial Domain Adaptation.” *IEEE Transactions on Cybernetics (IF=19.1, SCI Q1)*, 2022. **Student 1st author.**
3. Shuang Li, **Kaixiong Gong**, Chi Harold Liu, Yulin Wang, Feng Qiao, Xinjing Cheng. “Metasaug: Meta semantic augmentation for long-tailed visual recognition.” *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2021. **Student 1st author.**
4. Shuang Li, Mixue Xie, **Kaixiong Gong**, Chi Harold Liu, Yulin Wang, Wei Li. “Transferable semantic augmentation for domain adaptation.” *IEEE Conference on Computer Vision and Pattern Recognition (CVPR, Oral)*, 2021. Student 2nd author.
5. Fangrui Lv, Jian Liang, **Kaixiong Gong**, Shuang Li, Chi Harold Liu, Han Li, Di Liu, Guoren. “Pareto Domain Adaptation.” *Advances in neural information processing systems 35 (NeurIPS)*, 2021.
6. Shuang Li, Shugang Li, Mixue Xie, **Kaixiong Gong**, Jianxin Zhao, Chi Harold Liu, Guoren Wang. “End-to-End Transferable Anomaly Detection via Multi-spectral Cross-domain Representation Alignment.” *IEEE Transactions on Knowledge and Data Engineering (TKDE, IF=9.2)*, 2021.

AREA OF INTEREST

I’m interested in many areas of machine learning, particularly in establishing efficient learning systems against label deficiency and with well generalization.

INVITED TALKS

- 2021.10, VALSE, Metasaug: Meta semantic augmentation for long-tailed visual recognition.
- 2021.03, BAAI, Metasaug: Meta semantic augmentation for long-tailed visual recognition.

SKILLS & OTHERS

Programming: Python, PyTorch, LaTeX, C++.

Language: Mandarin, English (**IELTS 7.5**).