

黄思腾

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教育背景

浙江大学-西湖大学联合培养 计算机科学与技术 工学博士在读 2019.09 – 2024.06 (预计)

- 研究方向: 样本高效学习, 包含迁移学习、小样本学习、元学习、组合式零样本学习等
- 机器智能实验室, 导师: 王东林 博士
- 博士研究生国家奖学金 (2019~2020)

武汉大学 软件工程 工学学士 2015.09 – 2019.06

- 绩点: 3.65/4.0 (排名前 10%)
- 优秀学生奖学金 (一等奖 1 次, 二等奖 2 次)

专业经历

阿里巴巴达摩院-基础视觉智能团队 研究型实习生 2022.03 – 至今

- 负责研究参数高效的迁移学习算法, 将预训练视觉语言模型 (例如, CLIP) 迁移至视频-文本检索、组合式零样本学习等下游任务

论文发表

会议论文

- **Siteng Huang**, Biao Gong, Yulin Pan, Jianwen Jiang, Yiliang Lv, Yuyuan Li, Donglin Wang, “VoP: Text-Video Co-operative Prompt Tuning for Cross-Modal Retrieval”. In *Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition 2023 (CVPR 2023)*. [PDF]
- **Siteng Huang**, Qiyao Wei, Donglin Wang, “Reference-Limited Compositional Zero-Shot Learning”. In *Proceedings of the 2023 ACM International Conference on Multimedia Retrieval (ICMR 2023)*. [PDF]
- Min Zhang, **Siteng Huang**, Wenbin Li, Donglin Wang, “Tree Structure-Aware Few-Shot Image Classification via Hierarchical Aggregation”. In *Proceedings of the European Conference on Computer Vision 2022 (ECCV 2022)*. [PDF]
- Min Zhang, **Siteng Huang**, Donglin Wang, “Domain Generalized Few-shot Image Classification via Meta Regularization Network”. In *Proceedings of the 2022 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP 2022)*. [PDF]
- Zifeng Zhuang, Xintao Xiang, **Siteng Huang**, Donglin Wang, “HINFShot: A Challenge Dataset for Few-Shot Node Classification in Heterogeneous Information Network”. In *Proceedings of the 2021 ACM International Conference on Multimedia Retrieval (ICMR 2021)*. [PDF]
- Zhengyu Chen, Jixie Ge, Heshen Zhan, **Siteng Huang**, Donglin Wang, “Pareto Self-Supervised Training for Few-Shot Learning”. In *Proceedings of the 2021 IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR 2021)*. [PDF]
- **Siteng Huang**, Min Zhang, Yachen Kang, Donglin Wang, “Attributes-Guided and Pure-Visual Attention Alignment for Few-Shot Recognition”. In *Proceedings of the 35th AAAI Conference on Artificial Intelligence (AAAI 2021)*. [PDF]
- **Siteng Huang**, Donglin Wang, Xuehan Wu, Ao Tang, “DSANet: Dual Self-Attention Network for Multivariate Time Series Forecasting”. In *Proceedings of the 28th ACM International Conference on Information and Knowledge Management (CIKM 2019)*. [PDF], 引用量 140+.

预印本 & 已投稿

- **Siteng Huang**, Biao Gong, Yutong Feng, Yiliang Lv, Donglin Wang, “Troika: Multi-Path Cross-Modal Trac-tion for Compositional Zero-Shot Learning”. *arXiv preprint arXiv:2303.15230*. [PDF]