柯冠舟

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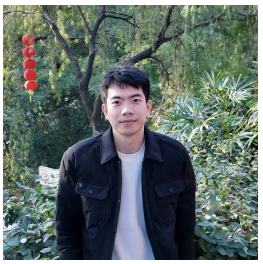

基本信息

性　　别: 男　　民　　族: 汉族
籍　　贯: 广东茂名　　政治面貌: 中共党员
出生年月: 1996 年 2 月
研究方向: 多模态大模型, 缺失多模态, 多视图表征学习, 具身智能

教育背景

新加坡管理大学, 新加坡　　10. 2024 - 10. 2025
-> (CSC) 联合培养博士. 导师: Prof. Shengfeng He

北京交通大学, 北京　　2022.09 - 至今
-> 信息管理在读 (学术型) 博士研究生（全日制）, 导师: 余旸

五邑大学, 广东江门　　2019.09 - 2022.06
-> 系统工程专业, 硕士研究生（全日制）, 优秀毕业论文

五邑大学, 广东江门　　2017.09 - 2019.06
-> 通信工程专业, 工学学士（全日制）, 优秀毕业生

广东环境保护工程职业学院, 广东佛山　　2014.09 - 2017.06
-> 软件测试专业, 优秀毕业生

工作经历

(实习) **微软亚洲研究院 AI/ML Group**, 上海　　2024.02 - 2024.08
-> 医学报告生成（多模态大模型方向）导师: Xinyang Jiang

(实习) **中国科学院自动化所**, 北京　　2023.06 - 2023.12
-> 深度伪造检测，多模态方向。导师: 王博

已发表论文

[1] **Guanzhou Ke**, Shengfeng He, Xiao-Li Wang, Bo Wang, Guoqing Chao, Yuanyang Zhang, Xie Yi and HeXing Su, "Knowledge Bridger: Towards Training-free Missing Multi-modality Completion", IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2025. [PDF] (CCF A)

[2] Yuanyang Zhang, Weiqing Yan, Yijie Lin, Li Yao, Xinhang Wan, Guangyuan Li, Chao Zhang, **Guanzhou Ke**, and Jie Xu, "Incomplete Multi-view Clustering via Diffusion Contrastive Generation", The 39th Annual AAAI Conference on Artificial Intelligence (AAAI'25). (CCF A)

[3] Xiao-Li Wang, Anqi Huang, Yongli Wang, **Guanzhou Ke**, Xiaobin Hong, and Jun Liu, "Global-Semantic Alignment Distillation for Partial Multi-view Classification", The 39th Annual AAAI Conference on Artificial Intelligence (AAAI'25). (CCF A)

[4] **Guanzhou Ke**, Bo Wang, Xiaoli Wang, and Shengfeng He, "Rethinking Multi-view Representation Learning via Distilled Disentangling ", IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), 2024. [CODE] (CCF A)

[5] **Guanzhou Ke**, Yang Yu, Guoqing Chao, Xiaoli Wang, Chenyang Xu, and Shengfeng He, "Disentangling Multi-view Representations Beyond Inductive Bias", The 31st ACM International Conference on Multimedia (ACM MM'23). [CODE] [PDF] (CCF A)

[6] Wang, Xiaoli, Yongli Wang, **Guanzhou Ke**, Yupeng Wang, and Xiaobin Hong. "Knowledge distillation-driven semi-supervised multi-view classification" Information Fusion 103 (2024): 102098.

[7] **Guanzhou Ke**, Guoqing Chao, Xiaoli Wang, Chenyang Xu, Yongqi Zhu, and Yang Yu, "A Clustering-guided Contrastive Fusion for Multi-view Representation Learning", IEEE Transactions on Circuits and Systems for Video Technology (2023). [CODE] [PDF] (CCF B)

[8] **Guanzhou Ke**, Yongqi Zhu, and Yang Yu, MORI-RAN: Multi-view Robust Representation Learning via Hybrid Contrastive Fusion, In IEEE International Conference on Data Mining, ICDM 2022 - Workshop on Multi-view Representation Learning, 2022. [CODE] [PDF] (CCF B)

[9] **Guanzhou Ke**, Zhiyong Hong, Wenhua Yu, Xin Zhang, and Zeyi Liu, Efficient Multi-view Clustering Networks, Applied Intelligence, 52(13), 14918-14934. (IF=5.019) [CODE] [LINK] (CCF C)

[10] **Guanzhou Ke**, Zhiyong Hong*, Zhiqiang Zeng, Zeyi Liu, Yangjie Sun, and Yannan Xie, CONAN: Contrastive Fusion Networks for Multi-view Clustering, In 2021 IEEE International Conference on Big Data (Big Data) (pp. 653-660). [CODE] [LINK] (CCF C)

技术能力

- **编程语言**: Python > Java > C/C++
- **深度学习框架**: PyTorch (常用), TensorFlow
- **外语能力**: IELTS 四项总分 6.0 (2021)

学术服务

期刊审稿人

- IEEE Transactions on Multimedia
- IEEE Transactions on Neural Networks and Learning Systems
- IEEE Transactions on Circuits and Systems for Video Technology
- Information Sciences

会议审稿人

- AAAI Conference on Artificial Intelligence (2023)
- ACM Multimedia 2023-2024