Guanzhou Ke

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Basic Information

Gender: Male
Place of Birth: Maoming, Guangdong, China
Date of Birth: February, 1996
Interests: Large Multimodal Models, Missing Modalities, Multi-view Representation Learning.

Education

Singapore Management University, Singapore — Oct. 2024 - Oct. 2025
-> (CSC) Visiting PhD Student in Computer Science. Advisor: Prof. Shengfeng He

Beijing Jiaotong University, Beijing, China — Sep. 2022 - until present.
-> Major in information management. Advisor: Yang Yu

Wuyi University, Jiangmen, Guangdong, China — Sep. 2019 - Jun. 2022
-> Graduate student, master's degree of system engineer, GPA: 3.6/4.0, outstanding thesis award.

Wuyi University, Jiangmen, Guangdong, China — Sep. 2017 - Jun. 2019
-> Major in telecommunication engineering, Bachelor of Engineering, GPA: 3.5/4.0, outstanding Graduate.

Guangdong Polytechnic of Environmental Protection, Foshan, Guangdong, China — Sep. 2014 - Jun. 2017
-> Major in software testing, GPA: 3.9/4.0, outstanding Graduate.

Work Experience

(Intern) **Microsoft Research Lab - Asia (MSRA), AI/ML Group**, Shanghai, China — Feb. 2024 - Aug. 2024.
-> Medical report generation (Large Multi-modalities) Mentor: Xinyang Jiang

(Intern) **The Institute of Automation, Chinese Academy of Sciences**, Beijing, China — Jun. 2023 - Dec. 2023.
-> Deepfake Detection (Multi-modalities). Mentor: Bo Wang

Publications

[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, 2022, 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)

SKILLS

- **Coding Languages**: Python, Java, and C/C++.
- **Deep Learning Frameworks**: PyTorch and TensorFlow.
- **Language skills**: Chinese(native language), English (IELTS, band score: 6.0 (2021))

SERVICES

Journal Reviewer

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

Conference Reviewer

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