

HAOYU ZHANG











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EDUCATION

- **Harbin Institute of Technology** Sep 2023 - Now
PhD in Electronic Information, GPA: 3.3/4.0
Advised by [Liqiang Nie](#), [Yaowei Wang](#), and [Meng Liu](#) Shenzhen, China
- **Shandong University** Sep 2020 - Jun 2023
Master in Computer Technology, GPA: 91.6/100.0
Advised by [Liqiang Nie](#) and [Meng Liu](#) Qingdao, China
- **Shandong University of Science and Technology** Sep 2016 - Jun 2020
Bachelor in Digital Media Technology, GPA: 90.7/100.0 Qingdao, China

PUBLICATIONS

C=CONFERENCE, J=JOURNAL, W=WORKSHOP, S=IN SUBMISSION

- [J.1] **Attribute-guided Collaborative Learning for Partial Person Re-identification** 
Haoyu Zhang, Meng Liu, Yuhong Li, Ming Yan, Zan Gao, Xiaojun Chang, Liqiang Nie.
Regular Paper in IEEE TPAMI 2023
- [C.1] **Object-Shot Enhanced Grounding Network for Egocentric Video** 
Yisen Feng, Haoyu Zhang, Meng Liu, Weili Guan, Liqiang Nie.
Regular Paper in CVPR 2025
- [C.2] **Multi-Factor Adaptive Vision Selection for Egocentric Video Question Answering** 
Haoyu Zhang, Meng Liu, Zixin Liu, Xuemeng Song, Yaowei Wang, Liqiang Nie.
Regular Paper in ICML 2024
- [C.3] **Bi-directional Heterogeneous Graph Hashing towards Efficient Outfit Recommendation** 
Weili Guan, Xuemeng Song, Haoyu Zhang, Meng Liu, Chung-Hsing Yeh, Xiaojun Chang.
Oral Paper in ACM MM 2022
- [C.4] **Multimodal Dialog System: Relational Graph-based Context-aware Question Understanding** 
Haoyu Zhang, Meng Liu, Zan Gao, Xiaoqiang Lei, Yinglong Wang, Liqiang Nie.
Regular Paper in ACM MM 2021
- [W.1] **HCQA @ Ego4D EgoSchema Challenge 2024** 
Haoyu Zhang, Yuquan Xie, Yisen Feng, Zaijing Li, Meng Liu, Liqiang Nie.
Workshop Paper in CVPR 2024
- [W.2] **ObjectNLQ @ Ego4D Episodic Memory Challenge 2024** 
Yisen Feng, Haoyu Zhang, Yuquan Xie, Zaijing Li, Meng Liu, Liqiang Nie.
Workshop Paper in CVPR 2024
- [S.1] **Exo2Ego: Exocentric Knowledge Guided MLLM for Egocentric Video Understanding** 
Haoyu Zhang, Qiaohui Chu, Meng Liu, Yunxiao Wang, Bin Wen, Fan Yang, Tingting Gao, Di Zhang, Yaowei Wang, Liqiang Nie.
- [S.2] **Uncovering Hidden Connections: Iterative Search and Reasoning for Video-grounded Dialog** 
Haoyu Zhang, Meng Liu, Yisen Feng, Yaowei Wang, Weili Guan, Liqiang Nie.
- [S.3] **TIME: Temporal-sensitive Multi-dimensional Instruction Tuning and Benchmarking for Video-LLMs** 
Yunxiao Wang, Meng Liu, Rui Shao, Haoyu Zhang, Bin Wen, Fan Yang, Tingting Gao, Di Zhang, Liqiang Nie.

INTERN EXPERIENCE

- **Academic Intern, Community Science, Kuaishou Technology** Jul 2024 - Jun 2025
Multimodal Large Language Model
Advised by Fang Yang, Bin Wen
- **Academic Intern, Alibaba Cloud Intelligence, Alibaba Group** Wed 2022 - Jul 2022
Partial Person Re-identification
Advised by Jian Gu, Jinpeng Xia

HONORS AND AWARDS

- INSUN Education Scholarship 2024
- CVPR EgoVis Workshop, Ego4D Challenge-EgoSchema Track, Champion 2024
- CVPR EgoVis Workshop, Ego4D Challenge-Natural Language Query Track, Runner-up 2024
- CVPR EgoVis Workshop, Ego4D Challenge-Goal Step Track, Third Place 2024
- ICML Travel Award 2024
- Outstanding Graduates of Shandong University 2023
- National Scholarship 2021
- ACM MM Student Travel Award 2021
- Outstanding Graduates of Shandong Province 2020
- Top 10 Outstanding Students in the School of Computer Science and Engineering 2019

ACADEMIC SERVICES

- **Conference Reviewer:** CVPR, ICCV, NeurIPS, ICML, ICLR, SIGIR, ACM MM, AAI, IJCAI, ICMR, PRCV, ISCAS, ECAI
- **Journal Reviewer:** Information Sciences, IEEE TCSVT, IEEE TMM, IEEE TKDE
- **Volunteer:** ICML