

YANZHE CHEN

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EDUCATION

Peking University (Master of Science)

Sep. 2022 – Jun. 2025

Academy for Advanced Interdisciplinary Studies (AAIS)

Beijing, China

Research Interests: Multimodal Learning and Computer Vision

Advisor: Prof. Yuxin Peng

Wuhan University (Bachelor of Engineering)

Aug. 2018 – Jun. 2022

School of Computer Science

Wuhan, China

GPA: 3.96/4.00 (**Major ranking:** 1/272)

PUBLICATIONS & MANUSCRIPTS

1. **Yanzhe Chen**, Jinglin Xu, Zhiwen Yang, Yuxin Peng
FashionMT: A Retrospective-based Dataset for Multi-turn Fashion Image Retrieval
Submitted to *Conference on Neural Information Processing Systems (NeurIPS 2024)*
2. **Yanzhe Chen**, Huasong Zhong, Xiangteng He, Yuxin Peng, Jiahuan Zhou, Lele Cheng
FashionERN: Enhance-and-Refine Network for Composed Fashion Image Retrieval
AAAI Conference on Artificial Intelligence (AAAI 2024)
3. **Yanzhe Chen**, Huasong Zhong, Xiangteng He, Yuxin Peng, Lele Cheng
Real20M: A Large-scale E-commerce Dataset for Cross-domain Retrieval
ACM Multimedia Conference (ACM MM 2023)
4. **Yanzhe Chen**, Jiahuan Zhou, Yuxin Peng
SPIRIT: Style-guided Patch Interaction for Fashion Image Retrieval with Text Feedback
Transactions on Multimedia Computing, Communications and Applications (TOMM 2024)
5. **Yanzhe Chen**, Jinglin Xu, Yuxin Peng
Complication-guided Pairwise Interaction for Fine-Grained Chest X-ray Image Classification
Submitted to *Chinese Conference on Pattern Recognition and Computer Vision (PRCV 2024)*
6. **Yanzhe Chen**, HsiaoYuan Hsu, James Ye, Zhiwen Yang, Xiangteng He, Yuxin Peng
PKU.WICT at TRECVID 2022: Disaster Scene Description and Indexing Task
Champion's Technical Report of TREC Video Retrieval Evaluation (TRECVID 2022)

RESEARCH EXPERIENCE

Peking University

Sep. 2022 – Jun. 2025

Postgraduate Student

Advisor: Prof. Yuxin Peng & Jiahuan Zhou & Yang Liu

Mainly focusing on multimodal representation and generation, particularly video-to-image retrieval, composed image retrieval, and virtual try-on generation.

Kwai Technology

Dec. 2022 – Jun. 2025

Research Intern

Mentor: Huasong Zhong & Lele Cheng

Fine-Grained retrieval of product images in short videos, applied in the Kuaishou app.

SELECTED HONORS

- National Scholarship, Wuhan University, 2020
- Champion of the Disaster Scene Description and Indexing Task, TRECVID, 2022
- Excellent Undergraduate Graduate & Outstanding Thesis, Wuhan University, 2022