Cheng Zhang (Rylan Zhang)

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Objective: Master's Program in Electrical Engineering (Fall 2026), KAIST

To pursue a Master's degree in Electrical Engineering at KAIST (Fall 2026), with a strong focus on advancing research in Multi-Modal Machine Learning, Computer Vision, and related cutting-edge AI fields. I am driven by a passion for developing innovative solutions that effectively bridge diverse data modalities and am eager to contribute to groundbreaking research with tangible real-world applications.

Education

BSc   **Jilin University**, Computer Science & Technology   Sept 2022 – June 2026

- Member of China 985 & 211 Institutions
- Average Score: 87.5/100
- GPA: 3.52/4.0
- Rank: 11/102

Research Interests

- Multi-Modal Large Language Models
- Computer Vision
- Image Generation
- Affective Computing

Publications

[Under Review]   2025
EmoArt: A Multidimensional Dataset for Emotion-Aware Artistic Generation
Cheng Zhang, *HongXia Xie, Bin Wen, Songhan Zuo, Ruoxuan Zhang, Wen-Huang Cheng*.
ACM Multimedia (Dataset Track) 2025.
link: arXiv:2506.03652 ↗

[Under Review]   2025
EmoDiscover: Vocabulary-free Emotion Discovery via Multi-modal Large Language Model
Hung-Jen Chen, Hongxia Xie, **Cheng Zhang**, *Songhan Zuo, Chu-Jun Peng, Hong-Han Shuai, Yong Man Ro, Wen-Huang Cheng*.
International Conference on Computer Vision (ICCV) 2025.

[Under Review]   2025
Single Document Image Highlight Removal via A Large-Scale Real-World Dataset and A Location-Aware Network
Lu Pan*, Yu-Hsuan Huang*, Hongxia Xie, **Cheng Zhang**, *Hongwei Zhao, Hong-Han Shuai, Wen-Huang Cheng*.
ACM Multimedia (ACM MM) 2025.

[Under Review]   2025
AmorisBench: A Comprehensive Multi-modal Dataset for Love-centric Question Answering
Chu-Jun Peng, Hongxia Xie, **Cheng Zhang**, *Wen-Huang Cheng*.
ACM Multimedia (Dataset Track) 2025.

Research Experience

Affective Vision Computing (AVC) Lab, Jilin University   2024 – Present

- Research Assistant
- Supervisor: Associate Professor Hongxia Xie
- Contributed as a core member to projects in affective computing and multi-modal machine learning

National Natural Science Foundation of China, Youth Project   Jan 2025 – Present

- Research on Emotion Hallucination Elimination Technology for Visual-Language Pre-training Models
- Participant

Jilin Provincial Department of Education, Excellent Youth Project   Jan 2025 – Present

- Research on Emotion Understanding Stability Technology for Multimodal Large Models
- Participant

Honors & Awards

Undergraduate Scholarship, Jilin University   2023-2024

Undergraduate Scholarship, Jilin University   2022-2023