

XINPENG LI

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EDUCATION

- University of Texas at Dallas**, Dallas, TX, U.S.A. *Aug. 2024 - Present*
Ph.D. in Computer Science
Advisor: Prof. [Yapeng Tian](#)
- South China University of Technology**, Guangzhou, P.R.China *Sept. 2018 - June. 2021*
M.Eng in Signal and Information Processing
Advisor: Prof. [Dacheng Tao](#)
- South China University of Technology**, Guangzhou, P.R.China *Sept. 2014 - June. 2018*
B.Eng in Information Engineering
Advisor: Prof. [Fangjiong Chen](#)

PUBLICATIONS

- Two in One Go: Single-stage Emotion Recognition with Decoupled Subject-context Transformer.** [\[PDF\]](#) [\[Code\]](#)
Xinpeng Li, Teng Wang, Jian Zhao, Shuyi Mao, Jinbao Wang, Feng Zheng, Xiaojiang Peng, Xuelong Li.
ACM Multimedia, 2024.
- Facial Action Units as A Bridge of Joint Dataset Training for Facial Expression Recognition.** [\[PDF\]](#)
Shuyi Mao, **Xinpeng Li**, Fan Zhang, Xiaojiang Peng, and Yang Yang.
IEEE Transactions on Multimedia, 2024.
- Real3D-AD: A Dataset of Point Cloud Anomaly Detection.** [\[PDF\]](#) [\[Code\]](#)
Jiaqi Liu, Guoyang Xie, Ruitao Chen, **Xinpeng Li**, Jinbao Wang, Yong Liu, Chengjie Wang, Feng Zheng.
NeurIPS Datasets and Benchmarks Track, 2023.
- Rail Detection: An Efficient Row-based Network and A New Benchmark.** [\[PDF\]](#) [\[Code\]](#)
Xinpeng Li, Xiaojiang Peng.
ACM Multimedia, 2022.
- Sequential Interactive Biased Network for Context-Aware Emotion Recognition** [\[PDF\]](#) [\[Code\]](#)
Xinpeng Li, Xiaojiang Peng, Changxing Ding.
International Joint Conference on Biometrics, 2021.

EXPERIENCE

- Computer Vision and Multimodal Computing Lab, UT Dallas** *Aug. 2024 - Present*
Research Assistant Supervisor: Prof. [Yapeng Tian](#)
MLLM-based social interaction understanding
- MIPS Lab, Shenzhen Technology University** *Jul. 2023 - Jul. 2024*
Research Assistant Mentor: Prof. [Xiaojiang Peng](#)
MLLM-based visual emotion recognition
- Southern University of Science and Technology** *Jan. 2023 - Jun. 2023*
Research Assistant Mentor: Prof. [Feng Zheng](#) & Prof. [Jinbao Wang](#)
3D anomaly detection

MIPS Lab, Shenzhen Technology University

Research Assistant

Visual emotion recognition and rail detection

*Jun. 2021 - Dec. 2022*Mentor: Prof. [Xiaojiang Peng](#)**South China University of Technology**

Graduate Research Assistant

Visual emotion generation and recognition

*Jun. 2017 - Jun. 2021*Supervisor: Prof. [Dacheng Tao](#) & Prof. [Changxing Ding](#)**Underwater Robotics Lab, South China University of Technology**

Undergraduate Research Assistant

Underwater operated vehicle building

*July. 2016 - May. 2017*Supervisor: Prof. [Fangjiong Chen](#)**HONORS & AWARDS**

Top 11% in Competition on Affective Behavior Analysis in-the-wild (ECCV) *2022*Top 6% in Multimodal Sentiment Analysis Challenge (ACM MM) *2021*Top 9% in Short Video Face Parsing Challenge (CVPR) *2021*Outstanding Minister, South China University of Technology *2021, 2016, 2015*Top 10% in Face Segmentation Using Short Video Clips (CSIG) *2020*Third-class scholarship, South China University of Technology *2020, 2019, 2016*First-class scholarship, South China University of Technology *2018*Excellence Award in OI China Underwater Robot Competition *2017*Second-class scholarship, South China University of Technology *2017, 2015*Third-class Award in Electronic Design Competition, Guangdong Province *2016*Chinese National Encouragement Scholarship (Top 4%) *2016***ACADEMIC SERVICES**

Conference Reviewer: ACM Multimedia 2024, ACM Multimedia 2023