Longrong Yang

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🎓 Education

Zhejiang University, Hangzhou   2022.09 – Present
Ph.D. Candidate, Artificial Intelligence, Expected Graduation: 2026.06

University of Electronic Science and Technology of China, Chengdu   2019.09 – 2022.06
Master, Information and Communication Engineering

University of Electronic Science and Technology of China, Chengdu   2015.09 – 2019.06
Bachelor, Electronic Information Engineering

⚙ Research Interests

- Efficient AI Systems
- Data Generation
- Noisy Label Learning

⚙ First-Author Publications

Efficient AI Systems   2023 - Present

- **Longrong Yang**, Dong Shen, Chaoxiang Cai, Kaibin Cheng, Fan Yang, Size Li, Di Zhang, Xi Li. "Libra-Merging: Importance-redundancy and Pruning-merging Trade-off for Acceleration Plug-in in Large Vision-Language Model."

- **Longrong Yang**, Longrong Yang, Dong Shen, Chaoxiang Cai, Fan Yang, Size Li, Di Zhang, Xi Li. "Solving Token Gradient Conflict in Mixture-of-Experts for Large Vision-Language Model."
  https://arxiv.org/abs/2406.19905

- **Longrong Yang**, Hanbin Zhao, Yunlong Yu, Xiaodong Zeng, Xi Li. "RCS-Prompt: Learning Prompt to Rearrange Class Space for Prompt-based Continual Learning."
  European Conference on Computer Vision (ECCV) 2024

- **Longrong Yang**, Xianpan Zhou, Xuewei Li, Liang Qiao, Zheyang Li, Ziwei Yang, Gaoang Wang, Xi Li. "Bridging Cross-task Protocol Inconsistency for Distillation in Dense Object Detection."
  International Conference on Computer Vision (ICCV) 2023

Data Generation   2020 - 2023

- **Longrong Yang**, Hanbin Zhao, Hongliang Li, Liang Qiao, Ziwei Yang, Xi Li. "GCSTG: Generating Class-confusion-aware Samples with a Tree-structure Graph for Few-shot Object Detection."
  IEEE Transactions on Image Processing 2024

- **Longrong Yang**, Hongliang Li, Qingbo Wu, Fanman Meng, Heqian Qiu, Linfeng Xu. "Bias-correction Feature Learner for Semi-supervised Instance Segmentation."
  IEEE Transactions on Multimedia 2022

- **Longrong Yang**, Hongliang Li, Qingbo Wu, Fanman Meng, King Ngi Ngan. "Mono is Enough: Instance Segmentation from Single Annotated Sample."
  IEEE Visual Communications and Image Processing (VCIP) 2020

Noisy Label Learning   2020 - 2021

- **Longrong Yang**, Hongliang Li, Fanman Meng, Qingbo Wu, King Ngi Ngan. "Task-Specific Loss for Robust Instance Segmentation with Noisy Class Labels."
  IEEE Transactions on Circuits and Systems for Video Technology 2021

- **Longrong Yang**, Fanman Meng, Hongliang Li, Qingbo Wu, Qishang Cheng. "Learning with Noisy Class Labels for Instance Segmentation."
  European Conference on Computer Vision (ECCV) 2020

👥 Internship Experience

Kuaishou Technology, Hangzhou   2024.03 – 2024.09

Multimodal Understanding and Application Group   Research Intern

- Large Vision-Language Model
- Mixture-of-Experts (MoE) System
- Token Compression during Inference for Large Vision-Language Model

♡ Awards

National Scholarship	2021
Outstanding Graduation Thesis	2019
Outstanding Graduation Thesis	2022
Outstanding Graduate Student in Sichuan Province	2022
Outstanding Master Thesis awarded by Chinese Institute of Electronics	2022

🛈 Academic Activities

- Conference Reviewer: CVPR 2022, 2023, 2024, 2025
- Conference Reviewer: ECCV 2022, 2023, 2024
- Conference Reviewer: ICCV 2023
- Conference Reviewer: ICLR 2024, 2025
- Conference Reviewer: NeurIPS 2023, 2024
- Conference Reviewer: ICML 2023, 2024
- Journal Reviewer: TCSVT, Neural Network, etc.