

# LONGRONG YANG

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## 🎓 EDUCATION

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**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

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- Efficient AI Systems
- Data Generation
- Noisy Label Learning

## ⚙️ FIRST-AUTHOR PUBLICATIONS

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**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.” *International Conference on Learning Representations (ICLR) 2025*
- **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 Nghi 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 Nghi 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

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**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

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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

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- 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.