

Lingchen Meng

<https://menglcool.github.io/>

☎ (+86) 189 1611 2035 ✉ lcmeng20@fudan.edu.cn

EDUCATION

► **Fudan University, Shanghai, China**

Sept. 2020 – Jul. 2025 (expected)

Ph.D. in Computer Science

Advisor: **Prof. Zuxuan Wu** and **Prof. Yu-Gang Jiang**

► **Tongji University, Shanghai, China**

Sept. 2016 - Jul. 2020

B.S. in Computer Science

RESEARCH EXPERIENCE

► **Microsoft Research, Research Intern**

Jan. 2024 - now

Mentor: **Dr. Jianwei Yang**

Project: High-resolution multi-modal large language model

► **Microsoft Cloud+AI, Research Intern**

Sept. 2021 - Jan. 2023

Mentor: **Dr. Xiyang Dai**

Project: Long-tailed/ multi-dataset object detection

SELECTED PUBLICATIONS

DeepStack: Deeply Stacking Visual Tokens is Surprisingly Simple and Effective for LMMs. [pdf] [code]

Lingchen Meng*, Jianwei Yang*, Rui Tian, Xiyang Dai, Zuxuan Wu, Jianfeng Gao, Yu-Gang Jiang

In Submission.

To See is to Believe: Prompting GPT-4V for Better Visual Instruction Tuning. [pdf] [code]

Junke Wang*, Lingchen Meng*, Zejia Weng, Bo He, Zuxuan Wu, Yu-Gang Jiang.

Technical report.

SEGIC: Unleashing the Emergent Correspondence for In-Context Segmentation. [pdf] [code]

Lingchen Meng, Shiyi Lan, Hengduo Li, Jose M Alvarez, Zuxuan Wu, Yu-Gang Jiang.

European Conference on Computer Vision (ECCV), 2024.

Learning from Rich Semantics and Coarse Locations for Long-tailed Object Detection. [pdf] [code]

Lingchen Meng, Xiyang Dai, Jianwei Yang, Dongdong Chen, Yinpeng Chen, Mengchen Liu, Yi-Ling Chen, Zuxuan Wu, Lu Yuan, Yu-Gang Jiang.

Neural Information Processing Systems (NeurIPS), 2023.

Detection Hub: Unifying Object Detection Datasets via Query Adaptation on Language Embedding. [pdf]

Lingchen Meng, Xiyang Dai, Yinpeng Chen, Pengchuan Zhang, Dongdong Chen, Mengchen Liu, Jianfeng Wang, Zuxuan Wu, Lu Yuan, Yu-Gang Jiang.

Conference on Computer Vision and Pattern Recognition (CVPR), 2023.

AdaViT: Adaptive Vision Transformers for Efficient Image Recognition. [pdf] [code]

Lingchen Meng*, Hengduo Li*, Bor-Chun Chen, Shiyi Lan, Zuxuan Wu, Yu-Gang Jiang, Ser-Nam Lim.

Conference on Computer Vision and Pattern Recognition (CVPR), 2022.

AWARDS AND HONORS

- | | |
|---|------------|
| ▶ CVPR-24 V3Det Challenge: 1st place in OVD track, 2nd place in Supervised track. | Jun. 2024 |
| ▶ MM-21 Grand Challenge: 3rd place in multi-modal ads video understanding. | Jun. 2021 |
| ▶ Fudan University excellent academic scholarship. | Sept. 2023 |
| ▶ Outstanding graduates in Tongji University. | Jul. 2020 |

SKILLS

- | | |
|--------------------------------|---------------------|
| ▶ Programming Languages | Python, C/C++ |
| ▶ Tools | Pytorch, Git, LaTeX |

ACADEMIC SERVICES

- ▶ Conference Reviewer for AAAI22, CVPR23-24, NeurIPS23-24, ICCV23, ECCV24.
- ▶ Journal Reviewer for TPAMI, TMM.