

# LINGCHEN MENG

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

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## EDUCATION

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- **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

## EXPERIENCE

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- **Microsoft Research** Jan. 2024 - now  
Mentor: [Dr. Jianwei Yang](#)  
Project: High-resolution Multi-modal Large Model
- **Microsoft Cloud+AI, Research Intern (remote)** Sept. 2021 - Jan. 2023  
Mentor: [Dr. Xiyang Dai](#)  
Project: Language-guided long-tailed/ multi-dataset object detection

## SELECTED PUBLICATIONS

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- 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

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- CVPR-24 V3Det Challenge: the 1st place in OVD track, the 2nd place in Supervised track. Jun. 2024
- Fudan University excellent academic scholarship. Sept. 2023
- Outstanding graduates in Tongji University. Jul. 2020

## SKILLS

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- ▶ **Computer Languages**      Python, C/C++
- ▶ **Tools**                      Pytorch, Git, LaTeX

## ACADEMIC SERVICES

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