

Yang Yang

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EDUCATION

- **The Australian National University (ANU)** Canberra, Australia
Doctor of Philosophy, Engineering and Computer Science, supervised by A/Prof. Liang Zheng May 2022 - Present
- **Huazhong University of Science and Technology (HUST)** Wuhan, China
Bachelors of Electronic Information Engineering *GPA: 3.7 / 4.0* Sep 2017 - Jun 2021

RESEARCH INTERESTS

- **Diffusion Model | Large Language and Vision Models | Model Generalization | Object Detection**


PUBLICATIONS

- **Bounding Box Stability against Feature Dropout Reflects Detector Generalization across Environments** 
Yang Yang, Wenhai Wang, Zhe Chen, Jifeng Dai, Liang Zheng. ICLR 2024 (*Spotlight*)
- **CIFAR-10-Warehouse: Broad and More Realistic Testbeds in Model Generalization Analysis** 
Xiaoxiao Sun, Xingjian Leng*, Zijian Wang*, Yang Yang*, Zi Huang*, Liang Zheng.* ICLR 2024 (*Poster*)
- **Internchat: Solving vision-centric tasks by interacting with chatbots beyond language** 
Internchat Team, Shanghai AI Laboratory. Technical Report 2023
- **Does Keypoint Estimation Benefit Object Detection? Empirical Study of One and Two-stage Detectors** 
Yang Yang, Akshay Asthana, and Liang Zheng. FG 2021 (*Oral*)

EXPERIENCES

- **Shanghai AI Laboratory** Shanghai, China
Research Intern, mentored by Dr. Wenhai Wang Feb 2022 - Nov 2023
- **Urban Computing Group of Sensetime Co., LTD.** Beijing, China
Research Intern, mentored by Bo Li Apr 2021 - Feb 2022
- **The Australian National University** Remotely
Research Assistant, supervised by A/Prof. Liang Zheng Sep 2020- Apr 2021
- **Chinese University of Hong Kong & SmartMore Co., LTD.** Shenzhen, China
Research Intern, supervised by Dr. Shu Liu and Prof. Jiaya Jia Jun 2020 - Sep 2020
- **Media and Communications Laboratory, HUST** Wuhan, China
Research Assistant, supervised by Prof. Xinggang Wang Jun 2019 - Sep 2019

ACADEMIC SERVICE

- **Reviewer for conferences:** CVPR 2022, ICCV 2023, CVPR 2023, NeurIPS 2024, CVPR 2024
- **Organizer for workshops and challenges:** The 2nd and 3rd CVPR Workshop on Vision Datasets Understanding, The 1st and 2nd DataCV Challenge @ CVPR 

SELECTED AWARDS

- 2022 - 2026 ANU Postgraduate Research Scholarship & HDR Fee Remission Merit Scholarship
- 2019 CCF Big Data and Computing Intelligence Competition (multi-race recognition, Top 2.5 %)
- 2019 "Create Youth · Jiaozi Cup" Xinwang Bank University Financial Challenge (lip recognition in video, Top 2.5%)
- 2018 Zhijiang Cup Global AI Competition (video recognition Q&A, Top 1.3%)
- 2018 Jinnan Digital Manufacturing Algorithm Challenge (semantic segmentation and object detection, Top 1.3%)
- 2018 Excellent Student Cadre Scholarship of HUST
- 2017 Individual Cultural and Sports Scholarship, 2017 Individual Technical Scholarship of HUST

PROGRAMMING SKILLS

- **Programming Languages:** Python, C, Java, L^AT_EX, Unix Shell Scripts
- **Machine Learning Libraries:** PyTorch, Tensorflow, Mxnet