

Yiming Dou

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Education

University of Michigan Ph.D., Computer Science and Engineering Advisor: Andrew Owens	2023 – present
Stanford University Visiting Research Intern Advisor: Jiajun Wu and Fei-Fei Li	2022 – 2023
Shanghai Jiao Tong University (SJTU) B.Eng in Computer Science and Technology (<i>Summa Cum Laude</i>) B.Ec in Economics (<i>Minor</i>) Advisor: Cewu Lu and Yong-Lu Li	2019 – 2023

Publications

(* indicates equal contribution)

- Yiming Dou**, Fengyu Yang, Yi Liu, Antonio Loquercio, Andrew Owens. Tactile-Augmented Radiance Fields. (CVPR 2024) [arXiv] [Website]
- Fengyu Yang*, Chao Feng*, Ziyang Chen*, Hyoungeob Park, Daniel Wang, **Yiming Dou**, Ziyao Zeng, Xien Chen, Rit Gangopadhyay, Andrew Owens, Alex Wong. Binding Touch to Everything: Learning Unified Multimodal Tactile Representations. (CVPR 2024) [arXiv] [Website]
- Yong-Lu Li*, Xiaoqian Wu*, Xinpeng Liu, **Yiming Dou**, Yikun Ji, Junyi Zhang, Yixing Li, Jingru Tan, Xudong Lu and Cewu Lu. Bridging The Isolated Islands in Human Action Understanding. (CVPR 2024, Highlight) [arXiv] [Website]
- Ruohan Gao*, **Yiming Dou***, Hao Li*, Tanmay Agarwal, Jeannette Bohg, Yunzhu Li, Li Fei-Fei and Jiajun Wu. The ObjectFolder Benchmark: Multisensory Object-Centric Learning with Neural and Real Objects. (CVPR 2023) [arXiv] [Website]
- Yong-Lu Li*, Hongwei Fan*, Zuoyu Qiu, **Yiming Dou**, Liang Xu, Hao-Shu Fang, Peiyang Guo, Haisheng Su, Dongliang Wang, Wei Wu and Cewu Lu. Discovering A Variety of Objects in Spatio-Temporal Human-Object Interactions. (Technical report 2022) [arXiv] [Website]

Experience

Research Assistant , University of Michigan Advisor: Andrew Owens	2023 – present Michigan, U.S.A.
Graduate Student Instructor , University of Michigan EECS 442: Computer Vision, Fall 2023	2023 – 2023 Michigan, U.S.A.
Visiting Research Intern , Stanford University Advisor: Jiajun Wu and Fei-Fei Li	2022 – 2023 California, U.S.A.
Undergraduate Researcher , Shanghai Jiao Tong University Advisor: Cewu Lu and Yong-Lu Li	2020 – 2023 Shanghai, China

Selected Honors

Zhiyuan Scholarship (top 30 students), SJTU	2023
Outstanding Graduate , SJTU	2023
STJU Overseas Scholarship (two winners at SJTU), SJTU	2022
Zhanjiajun Scholarship (six winners at SJTU), SJTU	2022
Academic Excellence Scholarship (top 10%), SJTU	2022
Meritorious Winner (top 7%), The Mathematical Contest in Modeling	2022
Merit Student Award (top 5%), SJTU	2021
Zhiyuan Honors Scholarship (top 5%), SJTU	2019 – 2022