

# SIYANG WU

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## EDUCATION

Department of Computer Science, Princeton University, Ph.D Student,	2023 - Present Advisor: Jia Deng
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Institute for Interdisciplinary Information Sciences (IIIS), Tsinghua University, B.E. in Computer Science and Technology,	2019 - 2023 GPA: 3.91 / 4.0
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## RESEARCH INTERESTS

3D Vision, Manipulation

## EXPERIENCE

Princeton Vision & Learning Lab, Princeton Ph.D Student	Aug. 2023 - Now Advisor: Prof. Jia Deng
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Improbable AI Lab, MIT Research Assistant (remote)	Jan. 2022 - Aug. 2023 Advisor: Prof. Pulkit Agrawal
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## PUBLICATIONS

Jack Nugent, Siyang Wu, Zeyu Ma, Beining Han, Meenal Parakh, Abhishek Joshi, Lingjie Mei, Alexander Raistrick, Xinyuan Li, Jia Deng. Evaluating Robustness of Monocular Depth Estimation with Procedural Scene Perturbations. *Neural Information Processing Systems (NeurIPS)*, 2025.

Tao Chen, Megha Tippur, **Siyang Wu**, Vikash Kumar, Edward Adelson, Pulkit Agrawal. Visual Dexterity: In-Hand Reorientation of Novel and Complex Object Shapes. *Science Robotics*, 2023.

Weihua Du\*, Jinglun Zhao\*, Chao Yu, Xingcheng Yao, Zimeng Song, **Siyang Wu**, Ruifeng Luo, Zhiyuan Liu, Xianzhong Zhao, Yi Wu. Automatics Truss Design with Reinforcement Learning. In *International Joint Conference on Artificial Intelligence (IJCAI)*, 2023.

**Siyang Wu\***, Tonghan Wang\*, Xiaoran Wu, Jingfeng Zhang, Yujing Hu, Changjie Fan, Chongjie Zhang. Model and Method: Training-Time Attack for Cooperative Multi-Agent Reinforcement Learning. In *Neural Information Processing Systems (NeurIPS) Workshop on Deep Reinforcement Learning*, 2022.

**Siyang Wu\***, Tonghan Wang\*, Chenghao Li, Yang Hu, Chongjie Zhang. Containerized Distributed Value-Based Multi-Agent Reinforcement Learning. *arXiv preprint arXiv:2110.08169*, 2021.

## AWARDS AND HONORS

Yao Award	2022
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ICPC Asia Nanchang Regional Contest, <b>Gold Medal</b>	2019
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National Olympiad in Informatics, <b>Gold Medal</b>	2018
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