# SIYANG WU

**Email**: sw2776@princeton.edu | **Web:** https://nj-wusiyang.github.io/
**Address**: Friend Center, 7799 William St, Princeton, NJ 08540

## EDUCATION

**Department of Computer Science**, **Princeton University**, 2023 - Present
Ph.D Student, Advisor: Jia Deng

**Institute for Interdisciplinary Information Sciences (IIIS)**, **Tsinghua University**, 2019 - 2023
B.E. in Computer Science and Technology, GPA: 3.91 / 4.0

## RESEARCH INTERESTS

3D Vision, Manipulation

## EXPERIENCE

**Princeton Vision & Learning Lab, Princeton** Aug. 2023 - Now
Ph.D Student *Advisor: Prof. Jia Deng*

**Improbable AI Lab, MIT** Jan. 2022 - Aug. 2023
Research Assistant (remote) *Advisor: Prof. Pulkit Agrawal*

## PUBLICATIONS

**Siyang Wu**, Jack Nugent, Willow Yang, Jia Deng. Toward A Better Understanding of Monocular Depth Evaluation. *arXiv preprint arXiv:2510.19814*, 2025.

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

ICPC Asia Nanchang Regional Contest, **Gold Medal** 2019

National Olympiad in Informatics, **Gold Medal** 2018