

Yunchu Zhang

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Education

University of Washington Ph.D. in Computer Science & Engineering	<i>Sep. 2023–Present</i>
Carnegie Mellon University M.S. in Robotics, School of Computer Science	<i>Aug. 2020–Aug. 2022</i> GPA: 4.0/4.0
University of California, Los Angeles (UCLA) M.S. in Mechanical Engineering	<i>Sep. 2017–Jun. 2019</i> GPA: 3.84/4.0
Dalian University of Technology (DUT) B.S. in Electrical & Electronics Engineering (Automation Major), Rank: 3/129	<i>Sep. 2013–Jun. 2017</i> GPA: 3.81/4.0

Employment

Feb. 2026– <i>Present</i>	Research Intern, NVIDIA Hosts: Xinjie Yao, Tuur Stuyck, Soha Pouya, Yuke Zhu
Jun.–Dec. 2025	Research Intern, Amazon FAR Hosts: Anusha Nagabandi, Rocky Duan, Pieter Abbeel

Publications

* denotes equal contribution.

K Huang*, R Scalise*, C Winston, A Agrawal, **Y Zhang**, R Baijal, M Grotz, B Boots, B Burchfiel, H Dai, M Itkina, P Shah, A Gupta. [Using Non-Expert Data to Robustify Imitation Learning via Offline Reinforcement Learning](#). *ICRA* (2026).

A Wagenmaker*, M Nakamoto*, **Y Zhang***, S Park, W Yagoub, A Nagabandi, A Gupta, S Levine. [Steering Your Diffusion Policy with Latent Space Reinforcement Learning](#). *CoRL (Oral, Best Paper Award Finalist)* (2025).

Y Zhang, S Mittal, Z Zhang, L Ke, S Srinivasa, A Gupta. [ATK: Automatic Task-Driven Keypoint Selection for Robust Policy Learning](#). *CoRL* (2025).

A Khazatsky*, K Pertsch*, ..., **Y Zhang**, ..., S Levine, C Finn. [DROID: A Large-Scale In-the-Wild Robot Manipulation Dataset](#). *RSS* (2024).

L Ke*, **Y Zhang***, A Deshpande, A Gupta, S Srinivasa. [CCIL: Continuity-Based Data Augmentation for Corrective Imitation Learning](#). *ICLR* (2024).

Y Zhang*, L Ke*, A Deshpande, A Gupta, S Srinivasa. [Cherry-Picking with Reinforcement Learning](#). *RSS* (2023).

N Gkanatsios*, A Jain*, Z Xian, **Y Zhang**, C G Atkeson, K Fragkiadaki. [Energy-Based Models Are Zero-Shot Planners for Compositional Scene Rearrangement](#). *RSS* (2023).

X Lin*, C Qi*, **Y Zhang**, Z Huang, K Fragkiadaki, Y Li, C Gan, D Held. [Planning with Spatial-Temporal Abstraction from Point Clouds for Deformable Object Manipulation](#). *CoRL* (2022).

J Yang*, H-Y F Tung*, **Y Zhang***, G Pathak, A Pokle, C G Atkeson, K Fragkiadaki. [Visually-Grounded Library of Behaviors for Manipulating Diverse Objects across Diverse Configurations and Views](#). *CoRL* (2021).

Awards

Amazon AI PhD Fellowship	2025
CoRL Best Paper Award Finalist	2025
Freescale Smartcar Competition, Regional Second Prize	2015
Electronic Design Competition, Nationwide Second Prize	2015
Scholarship for Outstanding Merits (DUT)	2014, 2015, 2016
Endress+Hauser Scholarship for Outstanding Student	2015

Service

Reviewer for ICRA, IROS, CoRL, and RA-L.

Skills

Programming: Python, C++, MATLAB, Julia, Embedded systems

Frameworks/Libraries: ROS, PyTorch, TensorFlow, MuJoCo, Isaac Sim

Hardware: Tactile sensing, PCB design, CAD, mechatronic system design and fabrication