LIHAN ZHA

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EDUCATION

Princeton University   Jul. 2024 – Jun. 2029 (Expected)
Ph.D. in Robotics

Tsinghua University   Sep. 2020 – Jun. 2024
B.S. in Mathematics and Physic, B.E. in Energy and Power Engineering
Major GPA: 3.95/4.00   **GPA:** 3.84/4.00
Core Courses: Modern Control Theory (97); Statistical Inference (98); Fundamentals of Control Engineering (98); Fundamentals of Physics (93); Engineering Mechanics (100); Calculus (93); Machine Learning (100); Linear Algebra (88); Advanced Topics in Intelligent Robot (100); Deep Reinforcement Learning (98); Computer Vision (97); Electrical Engineering and Electronics (92); Mathematical Modeling and Data Analysis (100); Numerical Analysis (93); Engineering Thermodynamics (98)

Stanford University   Summer Research Intern   Jun. 2023 – Present
Massachusetts Institute of Technology   Research Collaborator   Mar. 2023 – Present

PUBLICATIONS

(*: Equal contribution. Listed alphabetically.)

1. **Lihan Zha,** Yuchen Cui, Li-Heng Lin, Minae Kwon, Montserrat Gonzalez Arenas, Andy Zeng, Fei Xia, Dorsa Sadigh, *Distilling and Retrieving Generalizable Knowledge for Robot Manipulation via Language Corrections*. ICRA, 2024. [arXiv]

2. Yanjiang Guo*, Yen-Jen Wang*, **Lihan Zha***, Zheyuan Jiang, Jianyu Chen, *DoReMi: Grounding Language Model by Detecting and Recovering from Plan-Execution Misalignment.* IROS, 2024. [arXiv]

3. **Lihan Zha**, Dongxiang Jiang, *An Ultra-Short Term and Short-Term Wind Power Forecasting Approach based on Optimized Artificial Neural Network with Time Series Reconstruction*. SPIES 2022. **Best presentation.** [Paper]

ACEDAMIC SERVICE

Reviewer, ICRA 2025, IROS 2024, CoRL Workshop 2023

SELECTED AWARDS

2024 Outstanding Graduate of Beijing, China (**Highest honor** for graduates in Beijing, China)
2023 National Scholarship (Top 3/329, **highest honor** in the department)
2022 Jiang Nan Xiang Scholarship (Top 2/329, **highest honor** awarded to juniors in the department)
2022 Scholarship for Innovation in Science and Technology (Top 10/329)
2022 **First prize** in Excellent Student Research Training Contest (Top **20/3200** projects)
2021 Chengzhi - Excellence Scholarship (Top 4/167, **highest honor** for sophomores in Department of Energy and Power Engineering)
2021 Scholarship for Comprehensive Excellence (Top 15/330)
2021 Scholarship for Social Work Excellence (Top 10/330)

TECHNICAL SKILLS

Programming Language	Python, C/C++, HTML/CSS, SQL, MATLAB
Tool and Software	PyTorch, ROS, Git, Linux, Polymetis, AutoCAD, SolidWorks, ABAQUS, Fluent