CHONGKAI GAO

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EDUCATION

National University of Singapore, Singapore

01/2024 - present

PhD in School of Computing, Advisior: Prof. Lin Shao

Tsinghua University, Beijing, China

08/2020 - 06/2023

Master in Department of Automation, Advisior: Prof. Feng Chen, GPA 3.74/4.0, Rank 39/161

Tsinghua University, Beijing, China

08/2016 - 07/2020

B.Eng. in Department of Automation, GPA 3.62/4.0, Rank 38/158

PUBLICATIONS

- 1. Bo Liu*, Yifeng Zhu*, **Chongkai Gao***, Yihao Feng, Qiang Liu, Peter Stone, Yuke Zhu, "**LIBERO: Benchmarking Knowledge Transfer in Lifelong Robot Learning**", in ICRA Workshop on effective Representations, Abstractions, and Priors for Robot Learning, 2023, Oral Presentation, [paper][website]
- 2. Chongkai Gao, Zekun Li, Haichuan Gao, Feng Chen, "Iterative Interactive Modeling for Knotting Plastic Bags", in CoRL 2022, Best Systems Paper Nomination, [paper][website]
- 3. Chongkai Gao, Yizhou Jiang, Feng Chen, "Transfering Hierarchical Structure with Dual Meta Imitation Learning", in CoRL 2022, [paper]
- 4. Chongkai Gao, Haichuan Gao, Shangqi Guo, Tianren Zhang, Feng Chen, "CRIL: Continual Robot Imitation Learning via Generative and Prediction Model", *in IROS*, 2021, [paper]
- 5. Tianren zhang, Yizhou Jiang, Xin Su, Shangqi Guo, Chongkai Gao, Feng Chen, "Subjective Learning for Conflicting Data", in ICLR Workshop on Agent Learning in Open-Endedness, 2022, [paper]

EXPERIENCE

Harry's Lab IIIS, Tsinghua University

Research Assistant (Supervisor: Prof. Huazhe Xu)

06/2023 – present

Equivariant Robot Learning for Manipulation Tasks

Robot Perception and Learning Lab

University of Texas at Austin

Remote Research Intern (Supervisor: Prof. Yuke Zhu)

05/2022 - 02/2023

Robot Learning, Lifelong Robot Learning Benchmark

Mech-Mind Robotics Beijing, China

Robot Algorithm Intern 03/2023 – 06/2023

Kinematic Parameter Identification for Serial Robot, Online 3D Bin Packing

SELECTED HONORS

President's Graduate Fellowship, NUS	2024
Comprehensive Excellence Award, Tsinghua University	2022& 2021& 2019
Excellent Graduates, Tsinghua University	2020
Philobiblion Scholarship, Tsinghua University	2019
 Scientic and Technological Innovation Award, Tsinghua University 	2019
• Third Place Award, Southern California Software Pioneer Hackathon	2019
• Best Team Culture Award, International Aerial Robotics Competition (Asia-Pacific Venue)	2019

SKILLS

TOEFL 100 (Reading 29, Listening 25, Speaking 22, Writing 24), GRE 154(V) + 168(Q) + 4.0 Python, C++, ROS, LATEX, PyTorch, Mujoco, Git