

CHONGKAI GAO

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EDUCATION

Tsinghua University, Beijing, China 08/2020 – 06/2023

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

Research Topic: Robot Learning

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, “**Transferring 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

VIPLAB Tsinghua University

Master Student (Supervisor: Prof. Feng Chen) 09/2020 – 06/2023

Continual Learning, Skill Discovery, Manipulation

SELECTED HONORS

- Comprehensive Excellence Award, Tsinghua University 2022& 2021& 2019
- Excellent Graduates, Tsinghua University 2020
- Philobiblion Scholarship, Tsinghua University 2019
- Scientific 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
- Social Practice Award, Tsinghua University 2017

SKILLS

TOEFL 100 (Reading 29, Listening 25, Speaking 22, Writing 24), GRE 154(V) + 168(Q) + 4.0

Python, C++, ROS, L^AT_EX, PyTorch, Mujoco, Git