Chongkai Gao

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Education

Tsinghua University, Beijing, China
08/2020 – 06/2023 (expected)

Master in Department of Automation, Advisior: Prof. Feng Chen

Tsinghua University, Beijing, China
08/2016 – 07/2020

B.Eng. in Department of Automation

Publications & Manuscripts

1. **Chongkai Gao**, Zekun Li, Haichuan Gao, Feng Chen, "**Iterative Interactive Modeling for Knotting Plastic Bags**", *under review*, [paper]

2. Yizhou Jiang, Tianren Zhang, **Chongkai Gao**, Haichuan Gao, Feng Chen, "**Invariant Learning on Domain Generalization with Variable Tasks**", *under review*, [paper]

3. **Chongkai Gao**, Yizhou Jiang, Feng Chen, "**Transfering Hierarchical Structure with Dual Meta Imitation Learning**", *under review*, [paper]

4. 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]

5. **Chongkai Gao**, Haichuan Gao, Shangqi Guo, Tianren Zhang, Feng Chen, "**CRIL: Continual Robot Imitation Learning via Generative and Prediction Model**", *in IROS, 2021*, [paper]

Experience

VIPLAB
Tsinghua University

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

Robot Learning, Domain Generalization

Robot Perception and Learning Lab
University of Texas at Austin

Remote Research Intern (Supervisor: Prof. Yuke Zhu)
05/2022 – present

Continual Robot Learning Benchmark

Interaction Lab
University of Southern California

Visiting Scholar (Supervisor: Prof. Maja Mataric)
06/2019 – 08/2019

Non-Verbal Communication Game for Cerebral Palsy

International Aerial Robotics Competition (IARC 2019)
Kunming, China

Team Leader (Supervisor: Prof. Geng Lu)
03/2019 – 09/2019

PX4-based Drone Design

Selected Honors

- Excellent Graduates, Tsinghua University — 2020
- Comprehensive Excellence Award, Tsinghua University — 2019
- 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
- Social Practice Award, Tsinghua University — 2017

Skills

Python, ROS, LaTeX, PyTorch, Mujoco, Git