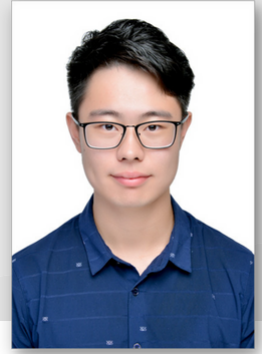


# Chenhao Li

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## EDUCATION

**ETH AI Center, Zurich, Switzerland**

Ph.D. at Robotic Systems Lab and Learning & Adaptive Systems Group

**ETH Zurich, Zurich, Switzerland**

M.Sc. in Robotics, Systems and Control, 5.98 / 6.0

**Tongji University, Shanghai, China**

B.Eng. in Mechanical Engineering, 4.93 / 5.0

11.2023 - present

**Doctoral Fellowship**

09.2020 - 08.2023

**ETH Medal**

09.2015 - 07.2020

**Excellent Graduate**

## WORK EXPERIENCE

**Visiting Researcher, Massachusetts Institute of Technology, United States**

01.2023 - 08.2023

- Self-supervised structured robot dynamics learning.
- Intelligent adaptive curriculum learning in continuous task space.

**Research Intern, Max Planck Institute for Intelligent Systems, Germany**

04.2022 - 12.2022

- Agile robot skill development with generative adversarial imitation learning.
- Intrinsic skill diversification through mutual information maximization.
- Morphology-inspired robot learning with graph neural networks.

## PUBLICATIONS

**Feature-Based vs. GAN-Based Learning from Demonstrations: When and Why**

Chenhao Li, Marco Hutter, Andreas Krause

preprint

**Constrained Style Learning from Imperfect Demonstrations under Task Optimality**

Kehan Wen, Chenhao Li, Takahiro Miki, Marco Hutter

preprint

**Motion Priors Reimagined: Adapting Flat-Terrain Skills for Complex Quadruped Mobility**

Zewei Zhang, Chenhao Li, Junzhe He, Marco Hutter

preprint

**Offline Robotic World Model: Learning Robotic Policies without a Physics Simulator**

Chenhao Li, Andreas Krause, Marco Hutter

preprint

**NIL: No-data Imitation Learning by Leveraging Pre-trained Video Diffusion Models**

Mert Albaba, Chenhao Li, Markos Diomataris, Omid Taheri, Andreas Krause, Michael Black

preprint

**Robotic World Model: A Neural Network Simulator for Robust Policy Optimization in Robotics**

Chenhao Li, Andreas Krause, Marco Hutter

preprint

## Toward Task Generalization via Memory Augmentation in Meta-Reinforcement Learning

Kaixi Bao, **Chenhao Li**, Yarden As, Andreas Krause, Marco Hutter

preprint

## Learning More With Less:

### Sample Efficient Dynamics Learning and Model-Based RL for Loco-Manipulation

Benjamin Hoffman, Jin Cheng, **Chenhao Li**, Stelian Coros

preprint

### DFM: Deep Fourier Mimic for Expressive Dance Motion Learning

Ryo Watanabe, **Chenhao Li**, Marco Hutter

ICRA 2025

### FLD: Fourier Latent Dynamics for Structured Motion Representation and Learning

**Chenhao Li**, Elijah Stanger-Jones, Steve Heim, Sangbae Kim

ICLR 2024  
**spotlight**

### Learning Diverse Skills for Local Navigation under Multi-constraint Optimality

Jin Cheng, Marin Vlastelica, Pavel Kolev, **Chenhao Li**, Georg Martius

ICRA 2024

### Versatile Skill Control via Self-supervised Imitation of Unlabeled Mixed Motions

**Chenhao Li**, Sebastian Blaes, Pavel Kolev, Marin Vlastelica, Jonas Frey, Georg Martius

ICRA 2023

### Learning Agile Skills via Adversarial Imitation of Rough Partial Demonstrations

**Chenhao Li**, Marin Vlastelica, Sebastian Blaes, Jonas Frey, Felix Grimminger, Georg Martius

CoRL 2022 **oral**  
**best paper finalist**

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## AWARDS

ETH Medal (0.5%)

04.2023

ETH AI Center Doctoral Fellowship (1%)

03.2023

Best Paper Award Finalist (CoRL 2022)

12.2022

Swiss-European Mobility Scholarship

10.2022

ETH Scholarship

02.2022, 02.2023

National Scholarship (0.2%)

11.2018, 11.2016

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## INVITED TALKS

JSK Lab, University of Tokyo, Japan

01.2025

Sony AI, Japan

01.2025

Toyota Research Institute, United States

03.2024

Shirley Ryan AbilityLab, Northwestern University, United States

03.2024

The Robotics Institute, Carnegie Mellon University, United States

03.2024

AI4CE Lab, New York University, United States

03.2024

Learning & Adaptive Systems Group, ETH Zurich, Switzerland

11.2023

Biomimetic Robotics Lab, Massachusetts Institute of Technology, United States

01.2023

Machines in Motion Laboratory, New York University, United States

12.2022

Robotic Systems Lab, ETH Zurich, Switzerland

08.2022

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## REVIEWER SERVICE

NeurIPS, ICLR, ICML, CoRL, ICCV, RLC, RSS, IROS, ICRA, RA-L

2023 - present

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