



EDUCATION 教育

浙江大学, 西湖大学	2019.09 - 2024.06
博士研究生, 计算机科学与技术	Hangzhou, China
★ Zhejiang University & Westlake University Joint Ph.D. Program	
★ Advisor: Prof. Donglin Wang (国家科技创新 2030 重大项目, 首席科学家)	
重庆邮电大学	2015.09 - 2019.06
工学学士, 通信工程, 卓越工程师班	Chongqing, China
★ Cumulative GPA: 3.8/4.0 Rank: 1/42 (连续 4 年 排名第一)	

RESEARCH INTERESTS 研究经历

- ★ **Deep Reinforcement Learning (RL)**: focusing on general and ready-to-be-deployed RL algorithms, *i.e.*, imitation learning, reward-free RL, unsupervised RL (learning skills), and RL in real-world tasks (games).
- ★ **Planning and Inference**: offline RL, offline-to-online RL, embodied agent, and design from data.
- ★ **Distribution Shift**: RL dynamics/embodyment adaptation, multi-goal RL, sim2real, and sample-efficient RL.

SELECTED PUBLICATIONS 部分文章

- [1] **Jinxin L**, Ziqi Z, Zhenyu W, Zifeng Z, Yachen K, Sibao G, and Donglin W. [AAAI, 2024]
Beyond OOD State Actions: Supported Cross-Domain Offline Reinforcement Learning. [PDF](#)
- [2] **Jinxin L**, Li H, Yachen K, Zifeng Z, Donglin W, and Huazhe X. [NeurIPS, 2023]
CEIL: Generalized Contextual Imitation Learning. [PDF](#)
- [3] **Jinxin L**, Hongyin Z, Zifeng Z, Yachen K, Donglin W, and Bin W. [NeurIPS, 2023]
Design from Policies: Conservative Test-Time Adaptation for Offline Policy Optimization. [PDF](#)
- [4] **Jinxin L**, Lipeng Z, Li H, and Donglin W. [CoRL, 2023]
CLUE: Calibrated Latent Guidance for Offline Reinforcement Learning. [PDF](#)
- [5] **Jinxin L**, Hongyin Z, and Donglin W. [ICLR, 2022]
DARA: Dynamics-Aware Reward Augmentation in Offline Reinforcement Learning. [PDF](#)
- [6] **Jinxin L**, Donglin W, Qiangxing T, and Zhengyu C. [AAAI, 2022]
Learn Goal-Conditioned Policy with Intrinsic Motivation for Deep Reinforcement Learning. [PDF](#)
- [7] **Jinxin L**, Hao S, Donglin W, Yachen K, and Qiangxing T. [NeurIPS, 2021]
Unsupervised Domain Adaptation with Dynamics-Aware Rewards in Reinforcement Learning. [PDF](#)
- [8] Yao L, **Jinxin L**, Zhentao T, Bin W, Jianye H, and Ping L. [ICML, 2023]
ChiPFormer: Transferable Chip Placement via Offline Decision Transformer. [PDF](#)
- [9] Zifeng Z, Kun L, **Jinxin L**, Donglin W, and Yilang G. [ICLR, 2023]
Behavior Proximal Policy Optimization. [PDF](#)
- [10] Zexu S, Bowei H, **Jinxin L**, Xu C, Chen M, Shuai Z. [NeurIPS, 2023]
Offline Imitation Learning with Variational Counterfactual Reasoning. [PDF](#)
- [11] Yachen K, Diyu S, **Jinxin L**, Li H, and Donglin W. [ICML, 2023]
Beyond Reward: Offline Preference-Guided Policy Optimization. [PDF](#)
- [12] Qiangxing T, Guanchu W, **Jinxin L**, Donglin W, and Yachen K. [IJCAI, 2020]
Independent Skill Transfer for Deep Reinforcement Learning. [PDF](#)

INTERNSHIP EXPERIENCE 实习经历

★ Research Intern (2022.06 - 2022.10)

Noah's Ark Lab, Huawei

Finished with two papers on [1] **chip placement tasks** and [2] **standard offline reinforcement learning tasks**:

[1] We proposed ChiPFormer that can exploit offline placement designs to learn transferable policies, promote effective finetuning for unseen chip circuits, and *reduce the placement runtime from hours to minutes*. [PDF](#)

[2] We proposed Design fROm Policies that decouples the iterative bi-level offline RL from the offline training phase, *forming a non-iterative bi-level paradigm and avoiding the iterative error propagation over two levels*. [PDF](#)

★ Visiting Student (2018.10 - 2019.05)

Westlake University

Early-stage research training: finished with two papers (1st author) on time series prediction: [\[PDF\]](#) & [\[PDF\]](#).

ACADEMIC SERVICES 学术

★ Talks

[1] *Beyond Design from Data: Design from Policies is All You Need*

Ali Cloud, Alibaba

[2] *Diffusion-Guided Diversity for Offline RL*

Noah's Ark Lab, Huawei

[3] *Control as Inference: A General Review*

Second Research Institute of CASIC

[4] *Unsupervised Reinforcement Learning for Skill Discovery*

Westlake Robot Learning Symposium

[5] *Hi, Robot: Training a Versatile Robot from Scratch*

Talk to the Future, Westlake University

[6] *Time Series Prediction with Interpretable Data Reconstruction*

Zhejiang University

★ Teaching

[1] Deep Reinforcement Learning

Head TA in Fall 2021 and Spring 2023

★ Conference Reviewer

ICML, ICLR, NeurIPS, IJCAI, AACL, KDD, and IROS.

Academic Services

RESEARCH PROJECT 研究课题

★ Government Sponsored Research

[1] NSFC General Program (*Deep RL on real quadruped robot*)

Grant No. 62176215

[2] National Science and Technology Innovation 2030 - *Major Project*

Grant No. 2022ZD0208800

[3] Development of the Blind-Guiding Quadruped Robot System

Hangzhou 2022 Asian Games

★ Company Sponsored Research

[1] Machine Learning and Robot Behavioral Learning

Bright Dream Robotics, Guangdong

[2] Quadruped Robot Platform on Farmland Protection

Westlake Uni.-Muyuan Joint Research Inst.

[3] Development of Low Cost Navigation Equipment

Westlake Uni.-Muyuan Joint Research Inst.

Responsible for

Core Members

○ RL theory: research on RL sample efficiency, domain adaptation, and sim2real issues.

○ Real-world robot deployment: Deploying RL algorithms on a robotic arm and a quadruped robot.

SELECTED AWARDS & HONORS 荣誉奖励

Outstanding Student (<10%)

2022

Su-Wu Scholarship (<5%)

2021

Best Poster Award at WISE 2021 (<5%)

2021

The only Grand Prize at Electronic Design Innovation Challenge (<1%)

2018

Advanced Individuals of Scientific and Technological Innovation (<5%)

2018

Second Prize of National Mobile Internet Application Development Competition (<10%)

2018

National Scholarship (<5%)

2017

First Prize of China Undergraduate Mathematical Contest in Modeling (Chongqing; <5%)

2017

National Encouragement Scholarship (<10%)

2016