

# JINXIN LIU

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## EDUCATION

### Zhejiang University

Sep. 2019 - present

Ph.D., Computer Science

Hangzhou, China

- Zhejiang University – Westlake University Joint Ph.D. Program
- Advisor: Prof. Donglin Wang

### Chongqing University of Posts and Telecommunications

Sep. 2015 - Jun. 2019

B.Eng., Communications Engineering

Chongqing, China

- Cumulative GPA: 3.8/4.0    Class Rank: 1/42 (for four consecutive years)

## RESEARCH INTERESTS

- **Deep RL**: model-free RL; unsupervised RL and skill learning; offline RL; planning and inference.
- **Robotics**: sim2real (perception & control); demonstrating that DRL algorithms work on real robots.
- **Core Deep Learning**: distribution shift; robust; self-supervised models; DA/DG.

## SELECTED PAPERS

- [1] **Jinxin Liu\***, Zhang Hongyin\*, and Donglin Wang. DARA: Dynamics-Aware Reward Augmentation in Offline Reinforcement Learning. *ICLR*, 2022. [PDF](#)
- [2] **Jinxin Liu**, Donglin Wang, Qiangxing Tian and Zhengyu Chen. Learn Goal-Conditioned Policy with Intrinsic Motivation for Deep Reinforcement Learning. *AAAI*, 2022. [PDF](#)
- [3] **Jinxin Liu**, Hao Shen, Donglin Wang, Yachen Kang and Qiangxing Tian. Unsupervised Domain Adaptation with Dynamics-Aware Rewards in Reinforcement Learning. *NeurIPS*, 2021. [PDF](#)
- [4] Qiangxing Tian, Guanchu Wang, **Jinxin Liu**, Donglin Wang and Yachen Kang. Independent Skill Transfer for Deep Reinforcement Learning. In *Int. Joint Conf. on Artificial Intelligence (IJCAI)*, 2020. [PDF](#)
- [5] Qiangxing Tian\*, **Jinxin Liu\***, Donglin Wang and Ao Tang. Time Series Prediction with Interpretable Data Reconstruction. In *Int. Conf. on Information and Knowledge Management (CIKM)*, 2019. [PDF](#)

## EXPERIENCE & PROJECT

- Reviewer Academic Services  
AAAI-21; AAAI-22; ICML-2022
- Visiting Student Westlake University  
Advised by Prof. Donglin Wang Nov. 2018 - May. 2019
  - Learn basic knowledge about deep learning and train neural networks to analyse time series data.
  - Finished with two papers on time series prediction: [\[5\]](#) & [\[6\]](#).
- Team Leader Chongqing University of Posts and Telecommunications  
Face Recognition Access Cabinet Jul. 2017 - Sep. 2017
  - Use face recognition, liveness detection and voice wake-up technology to open the cabinet.
  - Receive three awards (in university-level, provincial-level and national-level competitions).

## SELECTED AWARDS & HONORS

Suwu Scholarship	2021
Outstanding Student	2021
Best Poster Award at WISE 2021	2021
Advanced Individuals of Scientific and Technological Innovation	2018
National Scholarship	2017
National Encouragement Scholarship	2016