# Jinxin Liu

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## EDUCATION

**Zhejiang University — Westlake 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**, Donglin Wang, Qiangxing Tian and Zhengyu Chen. Learn Goal-Conditioned Policy with Intrinsic Motivation for Deep Reinforcement Learning. *AAAI*, 2022. [PDF]

[2] **Jinxin Liu**, Hao Shen, Donglin Wang, Yachen Kang and Qiangxing Tian. Unsupervised Domain Adaptation with Dynamics-Aware Rewards in Reinforcement Learning. *NeurIPS*, 2021. [PDF]

[3] 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]

[4] 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. (*: equal-contrib.) [PDF]

## Experience & Project

● Reviewer                                                                          Academic Services

*AAAI-21; AAAI-22*                                                                      2020 & 2021

● 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: [4] & [5].

● 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

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| 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 |