

# SIYUAN LU

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## 🎓 EDUCATION

**Westlake University & Zhejiang University Co-PhD Program** 2025.9 (Expected) –

*Ph.D. in Computer Science and Technology*

*Degree Granted By:* Zhejiang University *Supervisors:* Tao Lin, Weinan Zhang

**Beijing University of Post and Telecommunications &** 2021.9 – 2025.6 (Expected)

**Queen Mary University of London Joint Program**

*B.E. in Internet of Things*

*Weighted Average Mark:* 90.97/100 *Rank:* 7/182

## 📄 PAPERS

**MorphAgent: Empowering Agents through Self-Evolving Profiles and Decentralized Collaboration**

*First author* Under review

**Unleashing the Potential of Large Language Models as Prompt Optimizers: An Analogical Analysis with Gradient-based Model Optimizers**

*Fourth author* AAAI 2025

**PreAct: Predicting Future in ReAct Enhances Agent's Planning Ability**

*Third author* COLING 2025

## 🏢 WORK EXPERIENCE

**Ant Group** 2025.6 - Now

*Research Intern* InclusionAI, Ant Research

*Mentor:* Chenyi Zhuang

## 📋 PROJECTS

**AhaWorkshop** 2025

*NLP, Deep Learning, Reinforcement Learning* Open-sourced Soon

AhaWorkshop is based on nano-aha-moment and implemented without any reinforcement learning framework. It uses PyTorch, HuggingFace Transformers, Deepspeed, vllm, etc. to reproduce the R1-zero model.

**CRSLab** 2023

*Python, PyTorch, Deep Learning, NLP* RUCAIBox/CRSLab

CRSLab is an open-source toolkit for building Conversational Recommender System (CRS). It is developed based on Python and PyTorch. I have been one of the maintainers for 6 months.

## ⚙️ SKILLS

- Languages: Chinese (native), English (IELTS 7)
- Python Modern Development: uv, ruff, etc.
- Deep Learning Programming Tools: PyTorch, HugginggFace Transformers, Deepspeed, vllm etc.
- Linux System: Common Linux commands, daily development in Linux environment

## 🏆 HONORS

*Second-Class Scholarship in BUPT* 2022

*First-Class Scholarship in BUPT* 2023