Siyuan Lu

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🎓 Education

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

Ph.D. in Computer Science and Technology
Degree Granted By: Zhejiang University

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

👥 Projects

CRSLab   2023

Python, PyTorch, Deep Learning, NLP   Individual Project

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.

ℹ Experiences

Internship in LINs Lab   2024.3 - Present

Intern   Work for Tao LIN. Assistant Professor, Westlake University

This lab belongs to the Engineering School of Westlake University. Under the guidance of my instructor, I led a project about Multi-Agent System (MAS) and submitted a full paper related to it recently.

Internship in AIBox Lab   2023.3 - 2024.3

Intern   Work for Wayne Xin Zhao. Professor, Renmin University of China

This lab belongs to the Gaoling School of Artificial Intelligence at Renmin University of China. Under the guidance of my instructor, I maintained projects and participated in the submission of a paper in January 2024.

⚙ Skills

- Programming Languages: Python > C == C++ > Java
- Deep Learning Programming Tools: PyTorch, HugginggFace Transformers
- Language Level: IELTS 7

♡ Honors

Second-Class Scholarship in BUPT   2022
First-Class Scholarship in BUPT   2023