

Yiwei Liu

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BACKGROUND

Sichuan University | Chengdu, China

Sep 2021 - Jun 2025

Major: *Software Engineering* | GPA: 3.72 / 4.0, 88.45 / 100

National University of Singapore | Singapore

Aug 2024 - May 2025

Summer Workshop 2023, First Prize (A+; Top 5%), School of Computing

Non-Graduate-Non-Exchange (NGNE), School of Computing

EMPLOYMENT

ByteDance, Multimodal LLMs Researcher | Chengdu, China

Jul 2025 - Present

- Synthesize training data for GUI agents and develop an automated benchmark pipeline.

Siemens Industrial Automation Products Ltd, Embodied AI Intern | Chengdu, China

Jan 2024 - Jun 2024

- Advance the integration of LLM as an AI Agent into the SDN controller to complete a pick&place task.

ACADEMIC PROJECTS

LinS Lab, National University of Singapore | *Research Assistant*

Oct 2024 - Present

MetaFold: Language-Guided Cross-Category Garment Folding Framework via Trajectory Generation and Foundation Model
(Embodied Intelligence and Multimodal, Advisor: Lin Shao)

- Achievements: International Conference on Intelligent Robots and Systems (IROS) 2025 (Oral). Third Author
Manual2Skill: Learning to Read Manuals and Acquire Robotic Skills for Furniture Assembly Using Vision-Language Models
(Embodied Intelligence and Multimodal, Advisor: Lin Shao)
- Achievements: Proceedings of Robotics: Science and Systems (RSS) 2025 (Oral). Third Author

Intelligent Finance Research Group, Sichuan University | *Research Assistant*

Sep 2023 - Apr 2025

A Multi-Level Sentiment Analysis Framework for Financial Texts (Fintech, Advisor: Xuebin Chen)

- Achievements: International Joint Conference on Artificial Intelligence (IJCAI) 2025 Workshop FinLLM (Oral). First Author;
National-Level Project of College Students' Innovative Entrepreneurial Training Plan Program (TOP 10%);
Second Prize of the 19th "Citi Cup" Financial Innovation and Application Competition (6 / 67)

Intelligent Medical Center, Sichuan University | *Research Assistant*

Oct 2022 - Mar 2024

Memory-based Ensemble Learning in CMR Semantic Segmentation (Medical CV, Advisor: Yuankai Wu)

- Achievements: A Paper Under Review. First Author

COMPETITIONS

MCM/ICM by COMAP

Jan 2023 - Feb 2024

A Comprehensive Framework for Tennis Momentum Analytics – Meritorious Winner

The 17th National Student Software Innovation Competition

Nov 2023 - Apr 2024

Garden Tour: UGC-based Urban Intelligent Walking Platform – National Third Prize

The 14th National Market Research and Analysis Competition for College Students

Oct 2023 - Apr 2024

Investigation and Analysis of the Pet Economy – Provincial First Prize

China National Undergraduate "Innovation, Creativity and Entrepreneurship" Challenge

Nov 2023 - Mar 2024

AR Dream Factory: An Accessible AR Automation Customization Mall Platform – Provincial Second Prize

Mathematics Competition of Chinese College Students

Nov 2023

Mathematics-Related Major Category Group A – Provincial Second Prize

LANGUAGE

IELTS – 7.0 (Listening7.0 | Reading7.5 | Writing6.5 | Speaking6.0)

AWARDS

Outstanding Undergraduate, Sichuan University

Sep 2024

Outstanding Student Leader, Sichuan University

May 2023

National Inspirational Scholarship, Sichuan University

Sep 2022

Outstanding Student, Sichuan University

Sep 2022