Yiwei Liu

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BACKGROUND

Sichuan University | Chengdu, China   Sep 2021 - Jun 2025
Major: *Software Engineering* | GPA: 3.7 / 4.0, 88.15 / 100

National University of Singapore | Singapore   Aug 2024 - Present
Summer Workshop, First Prize (A+; Top 5%), School of Computing
Non-Graduate-Non-Exchange (NGNE), School of Computing

INTERNSHIP

Siemens Industrial Automation Products Ltd, *Embodied AI Intern* | Chengdu, China   Jan 2024 - Jun 2024
- Advanced the integration of LLMs as AI Agents into the SDN controller, completing a pick&place task for the intelligent production line

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: A Paper Under Review. 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. 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: A Paper Under Review. First Author; A Software Copyright (First Author);
  National-Level Project of College Students' Innovative Entrepreneurial Training Plan Program (TOP 10%);
  National Second Prize of the 19th "Citi Cup" Financial Innovation and Application Competition in China (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; A Software Copyright (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