Xinye Li

leeasdfo123@gmail.com | asdfo123.github.io

Education

Harbin Institute of Technology Aug. 2022 – Jun. 2026
B. Eng in Software Engineering *Weihai, China*

- GPA: 3.90/4.0
- **National Scholarship**, 2023 (Top 0.2 % Nationwide) | Taihu Future Science and Technology Scholarship, 2023 (Top 1.6 %) | First Grade Scholarship, 2022 (Top 3 %)

Publications

Zecheng Wang, **Xinye Li**, Zhanyue Qin, Chunshan Li, Zhiying Tu, Dianhui Chu, Dianbo Sui. Can We Debias Multimodal Large Language Models via Model Editing? In *Proceedings of ACMMM 2024*.

Research Experience

Debiasing Multimodal LLMs via Model Editing Jan. 2024 – Jun. 2024
MLLM, LLM Debiasing, Model Editing *Accepted at ACMMM 2024, Second Author*

- Introduced a novel benchmark for debiasing editing in MLLM, evaluating the reliability, locality, and generality of model editing based debiasing methods across IC and VQA tasks.
- Conducted comprehensive research on the application of model editing methods for debiasing, involving editing 2 modules (LLM and Vision) and 4 types of biases.

Achievements

CP (Competitive Programming) Aug. 2022 – Present
Algorithm Contest player (OIer/ACMer) *HITWH ACM Club Leader*

- **Silver Medal**, The 2023 ACM-ICPC Asia Hangzhou Regional Contest
- **Bronze Medal**, The 2023 ACM-ICPC Asia Nanjing Regional Contest
- **Bronze Medal**, The 2023 CCF Collegiate Computer Systems & Programming Contest
- **Second Prize**, Huawei CodeCraft Contest 2024 (**9th** in the preliminary round)

Projects

Game Arena for Evaluating Sequential Reasoning of LLMs Nov. 2023 - Feb. 2024
LLM Evaluation, Exhaustive Algorithm *Student Researcher*

- A system based on card game evaluating LLM's sequential reasoning & decision-making ability; An exhaustive algorithm was simultaneously proposed to record the game data in real time.

PCBGuard: AI-Driven Industrial Quality Inspection System Jun. 2024 – Nov. 2024
Object Detection, YOLOv5, Edge-Cloud Collaborative Deployment *Challenge Cup Finalist, Team Leader*

- An AI-powered quality inspection system based on YOLOv5, customized for PCB defects detection with enhanced model training techniques and deployment on Huawei ModelArts.

Skills

Languages: English (CET4: 619, CET6: 577), Chinese
Programming Languages: C++, C, Python, Java, Tex, SQL
Frameworks: PyTorch, Sklearn, Numpy, Pandas, Matplotlib
Developer Tools: Git, Google Cloud Platform, Huggingface, Github, Jupyter Notebook, Vs Code, Postman

Working

HITWH ACM Club Aug. 2023 - Present
Student Club *Club leader & Teaching Assistant*

- Teaching assistant in Prof. Kaikun Dong's course *Problem-Oriented Advanced Programming*
- Organizer and Problem Contributor of the ACM Freshman Contest