

Xinye Li

leeasdfs123@gmail.com | github.com/asdfs123

EDUCATION

Harbin Institute of Technology

B. Eng in Software Engineering

Aug. 2022 – Jun. 2026

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 %)

EXPERIENCE

Debiasing Multimodal LLMs via Model Editing

MLLM, LLM Debiasing, Model Editing

Jan. 2024 – Jun. 2024

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)

Algorithm Contest player (OIer/ACMer)

Aug. 2022 – Present

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

LLM Evaluation, Exhaustive Algorithm

Nov. 2023 - Feb. 2024

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

Object Detection, YOLOv5, Edge-Cloud Collaborative Deployment

Jun. 2024 – Nov. 2024

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.

Intelligent Grid-Like Harbour Sandbox Practice

Online Algorithm, Optimization Problem

Mar. 2024 – Apr. 2024

Huawei CodeCraft Contest 2024, Team Leader

- A system in grid-like harbour sandbox, utilizing multi-sourced BFS algorithm realizing a superior performance of multi-robots and multi-boats path planning and goods delivery.

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

Student Club

Aug. 2023 - Present

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