

BASIC INFORMATION

Name: **Longfei Li**

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EDUCATION

Shenyang Ligong University, *Computer Science and Technology*

2021 – 2025

Hunan University, *Electronic Information*

2025 – Present

COMPETITIONS AND AWARDS

2025 China Graduate Innovation Competition – EDA Elite Challenge, Third Prize

2025 ICPC Nanchang Invitational Contest, Bronze Medal

2025 CCPC Zhengzhou Invitational Contest, Silver Medal

2025 CCPC Fujian Invitational Contest, Silver Medal

2024 ICPC EC-Final, Honorable Mention

2024 Group Programming Ladder Tournament, National Third Prize

2025 Lanqiao Cup C/C++ Group, National Third Prize and Provincial First Prize

2023 and 2024 Lanqiao Cup C/C++ Group, Provincial Second Prize

2023 Huawei College Student ICT Competition, Network Track, Provincial Second Prize

2023 Liaoning Collegiate Programming Contest, Provincial Third Prize

4th Liaoning Undergraduate Huawei ICT Competition, Provincial Third Prize

PUBLICATIONS

L. Li, et al. “AutoVSR: Automatic Visual-to-Symbolic Reasoning for Circuit Expression Generation.” In *International Conference on Machine Learning (ICML)*, 2026. **ICML’26 Poster, CCF-A**

PROJECT EXPERIENCE

Aircraft Motion Control Based on Human Facial Expressions

MobileNet-V2, OpenCV2, TensorFlow Lite, Raspberry Pi

- Used a MobileNet-V2 pretrained model to reduce computation cost
- Applied TensorFlow Lite to accelerate model inference
- Used Raspberry Pi to output control signals for aircraft movement

Online Judge System

Vue, Spring Boot, Docker

- Built the frontend efficiently with Vue 3 and OpenAPI
- Improved backend stability with Spring Boot and microservices
- Isolated program execution with a code sandbox and restricted runtime behavior

ADDITIONAL INFORMATION

- Homepage: <https://longfei1.me>
- Volunteer Experience: Volunteer at the Shenyang Ligong University Ordnance Museum
- Interests: Photography, cycling