

Bin-Lun Li

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A passionate programmer who is eager to learn, seeking an opportunity to leverage all my strength into resolving real-world challenges.

EDUCATION

National Tsing Hua University (NTHU)

Sep 2021 - Jun 2025

B.S. in Computer Science

Average **GPA 4.27/4.3** on last 2 semesters.

EXPERIENCE

Teaching Assistant of Operating System

Sep 2024 - Dec 2024

- **Designed** the specifications for Machine problem.
- **Setup** the server environment for class students.

Teaching Assistant of Hardware Design and Lab

Sep 2024 - Dec 2024

- **Developed** the specifications for course materials.
- **Resolved** issues caused by both hardware and software, thereby enhancing my debugging skills.

Director of Student Association of Dept. of CS, NTHU

Sep 2022 - Aug 2023

- **Led a team of 10 people** to organize everything related to CS students.
- **Collaborated** with faculty, industry professionals, and student groups.

AWARDS

Second Prize - 2024 Meichu Hackathon

[Link to Project](#)

- **Won** 2nd prize among 230 people.
- **Multi-agent chatroom**, each with a distinct personality. You can gain insights from the interactions between your AI agents and engage with them.

PROJECTS

Scalable Serving System for LLM with Kubernetes and NVIDIA MIG

- **Utilized** NVIDIA MIG to allocate GPU resources, effectively addressing resource fragmentation and resource contention issues.
- **Dynamically adjusted** resource allocation based on runtime resource usage of LLM inference server, leveraging NVIDIA MIG to ensure optimal resource utilization.
- **Monitored** resource usage in real-time and visualized data through Grafana dashboards.

Mass detection in Mammography image

[Link to Demo](#)

- **Brand new architecture (YOLO + CNN)** for mass detection.
- **Achieve over 70%** precision in the experiment.

SKILLS

Programming Languages

C/C++, Python, Java, Javascript, Verilog, Go

Tools & Libraries

Git, Unix-like shells, Docker, Kubernetes, CUDA, MPI, OpenMP

Languages

TOEIC Listening and Reading Test 915/990