

YAO LI

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EDUCATION BACKGROUND

Jilin University (China), Bachelor's Degree Applied Physics	2019.08 - 2023.06
University of Tsukuba (Japan), Master's Degree Computer Science (In Progress)	2024.04 - 2026.03

EXPERIENCE AND PROJECTS

Development Experience

- **English Proficiency:** CET-4 (600), CET-6 (590), TOEIC (865/990)
- **Practical Experience:** Linux, Python, C/C++, Rust

Undergraduate Period

2019.08 - 2023.06

- **2020 Jilin University RoboMaster | TARS_Go**
Responsible for electronic targets and vehicle electronic control related development.
- **2021 "Internet +" Competition | Simple Harmonic Laboratory**
Responsible for development of a remote experiment platform using Unity and IoT related backend work.
- **2021 Jilin University Innovation Project | Research on Active Noise Reduction Technology for Fixed Noise**
Responsible for noise reduction algorithm implementation in C++.
- **2022 Electronic Design Competition | Jilin University Ling Xie Studio**
Developed a two-wheel balance car, a track-following medicine delivery car, and a hexapod robot using C++/Python.

Software Development Engineer (Shanghai)

2023.6 - 2024.4

- **Delphi Development**
Frontend and backend development of laser cutting control software.
- **Hardware Control System Development Based on IEC61131-3 Standard**
Encapsulated instructions for CNC platforms: I/O control, axis motion control, alarm control, etc.
Semantic analysis and code generation from structured text to C language for industrial control.
- **Database Maintenance and Related Development**
Processing and analyzing user data for user feedback analysis.
Routine maintenance of the database server.

Master's Period

2024.4 - Now

- **Laboratory:** SoftLab (www.softlab.cs.tsukuba.ac.jp)
- **Research Direction:** Distributed Web Browser
- **Submitted Papers:**
Towards Building Computing Clusters of Web Browsers, COMSYS - 2024

AWARDS AND CERTIFICATES

- RoboMaster 2021 Mech Master College League (Heilongjiang Division) - 3V3, Electronic Control Group Member, Provincial First Prize, October 2020
- Jilin Province "Internet +" College Student Innovation and Entrepreneurship Competition, Backend Engineer, Bronze Award in the Main Track of Colleges and Universities, September 2021
- Huawei Information and Network Technology Academy "Intelligent Technology Development and Application" Practice Course Excellent Student, June 2022
- National College Student Electronic Design Competition, September 2021
- JLU-CTF Network Security Competition, School-level Third Prize, September 2020
- National College Student Mathematical Modeling Competition, Provincial Second Prize, 2022
- USTC Hackergame: (2024 Ranking 291/2460), (2023 Ranking 268/2381)
- Bronze medal in the LMSYS - Chatbot Arena Human Preference Predictions competition on Kaggle.