

# Shun Zhang

## Education

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 Hefei, Anhui, China  
 China

Anhui University  
Sep 2023 – Present

**Bachelor of Electrical and Information Engineering**  
Bachelor's degree program

**Courses Taken:** Linear Algebra, Probability and Statistics, Discrete Mathematics, Advanced Programming, Digital Signal Processing, Signals and Linear Systems, Information Theory and Coding, Digital Circuits and Logic Design, Principles of Communications, Electronic Circuits, Electromagnetic Fields and Waves, Complex Variables, Advanced Mathematics.

**GPA Score:** 4.32/5.0 (Top 3% in the department)

## Publications/Preprints

**(AAC)Reinforcement Learning-Based Adaptive Fuzzy Control for Mecanum-Wheeled Vehicle With Input-and-Output Constraints**

Yuhang Liu, Yajun Wang, **Shun Zhang** and Yongping Pan

## Research Projects

**Collaborative Campus Inspection Platform Based on Deep Learning**

National Innovation Training Program

2024 – 2025

Anhui University

- Responsible for the edge computing deployment of YOLO models.
- Implemented autonomous driving algorithms for unmanned vehicles in campus environments.

**Traffic Sign Detection and Recognition on Ascend Board**

National Innovation Training Program

2024 – 2025

Anhui University

- Deployed YOLO models on domestic Ascend development boards.
- Responsible for building and testing the inference framework.

**Embodied Intelligence-Based Full-Domain Delivery System**

Innovation Training Program (Applying)

2025 – 2026

Anhui University

- Proposed the overall system framework.
- Developed indoor mapless navigation algorithms.
- Addressed path planning challenges in complex environments.

## Skills

**Programming Languages** Python, C, C++, MATLAB  
**Frameworks & Tools** ROS, STM32

## Honors & Awards

<b>RAICOM</b>	National First Prize (Developer Competition)	
<b>CUMCM</b>	National Second Prize	2025
<b>NUEDC</b>	Provincial First Prize (Anhui)	2025
	Provincial Third Prize (Anhui)	2024
<b>Smart Car Comp.</b>	Provincial Second Prize (Anhui)	
<b>Scholarships</b>	Guoyuan Scholarship	
<b>Honorary Titles</b>	Merit Student, Outstanding League Member	2024

## Social Work Experience

- Responsible for the daily operation and management of the laboratory.
- Organized academic study groups and competition training sessions.