

Education Background

University of Shanghai for Science and Technology & Liverpool John Moores University 09/2022 - 07/2026
(Sino - British Joint Program) (Dual Degree)

- B.Eng. in Electrical and Electronic Engineering
- Current GPA: 62.91%, expected to get a 2:1 undergraduate Bachelor's (honours) degree
- Key Courses: Mathematics For Engineering and Technology, Physics, Engineering and Technology Practice, Additional Foundation Physics, Engineering Mathematics, Digital Electronics, Engineering Circuit Analysis, Analogue Electronics, Software Development For Embedded Systems, Advanced Mathematics, Embedded Systems Programming and Applications in the Environment, Local Communications Systems and Applications, Electric Machines, Power Systems and Clean Energy

Honors and Scholarships

- 04/2025, Third Prize in the 3V3 Dual Meet, the 24th China University Robot Competition, ROBOTAC 2025 RoboMaster University League (national level).
- 07/2024, Grand Prize in the China-US Young Maker Competition, Shanghai Division (provincial level).
- 04/2024, Third Prize in the 3V3 Dual Meet, the 23rd China University Robot Competition, ROBOTAC 2024 RoboMaster University League (national level).
- 11/2023, Excellent Award for the 9th China College Student' "Internet+" Innovation and Entrepreneurship Competition, Shanghai Division (provincial level).
- 11/2023, Grand Prize in the Boundary-less Challenge · 2023 International Students (Internationalized Institutions) Innovation and Entrepreneurship League (Domestic Track) (national level).
- 07/2023, Cooperation Award, China-US Young Maker Competition, Shanghai Division (provincial level).

Projects

The Development of a Water Quality Monitoring System that Consists of Unmanned Water Quality Monitoring Ships and Water Quality Monitoring Buoys 09/2023 - 06/2024

- I was responsible for developing unmanned driving systems, data recovery, and IoT communication for the water quality monitoring ship in the team, as well as making PPTs and introducing products to competition judges and investors.
- Consolidated and expanded my professional knowledge, won innovation and entrepreneurship awards, and enhanced my research and teamwork abilities.

China University Robot Competition, ROBOTAC RoboMaster University League 04/2024 & 04/2025

- Designed robot circuits, developed robot control systems, and self-aiming algorithms.
- Manipulated robots for competitions on the field, repaired and optimized robots during game breaks.
- Solved the technical problems, such as the inability of the self-sighting algorithm to achieve its intended function by optimizing the self-sighting code and control code to achieve synchronization.

Internship & Extracurricular Activities

Shanghai Zizi Information Technology Co., Ltd. 03/2023 - 05/2023

- Intern in the Technical Research and Development Department
- Participated in market research to obtain market demand and develop products based on it.

A Member of the On-Campus Robovigor Robotics Team 09/2023 - 06/2025

- A member of the electronic control group and algorithm group, responsible for developing robot control systems and self-aiming algorithms; In charge of the robot's electrical control and self-aiming algorithms.
- Trained new team members by recording instructional videos and organizing training and Q&A sessions.

A member of the International Program Department of the Student Union 09/2022 - 06/2023

- Filmed programs about how foreign teachers celebrate Christmas in China and their hometowns, organized Easter egg hunting activities on campus, etc.
- Improved my cross-cultural communication, organizational, and coordination skills.