

Yanzhe Liang

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Education



Huazhong University of Science and Technology

Sep 2019 – Jun 2023

Electronic Science and Technology

GPA: 3.92/4.0

CET-4: 641

CET-6: 628



The High School Attached to Hunan Normal University

Sep 2016 – Jun 2019

The First Prize of China High School Biology Olympiad in 2018

The First Prize of China High School Biology Olympiad in 2017

Competition

- **The First Prize of the National University Students' Opt-Sci-Tech Competition**
Task: Design of intelligent garbage sorting robots for searching, identifying, sorting and grabbing specified garbage over a large area
Contribution: Real-time Object Detection; TensorRT-based Acceleration for Neural Networks
- **The Second Prize of the National University Robotics Competition (RoboMaster)**
Task: Launched by DJI, both participants are required to develop their own robots of different types and functions and compete against each other tactically in the designated competition venue.
Contribution: ROS-based mapping, localization and autonomous navigation
- **The 2022 Mathematical Contest in Modeling**(the results will be posted on May 20)
Task: Develop quantitative trading models based on historical price data to achieve long-term profitability for a given portfolio
Contribution: Thesis writing, general framework construction and auxiliary modeling
- **The First Prize in the Central Region of the National University Students' Opt-Sci-Tech Competition**
- **The First Prize in the Central Region of the National University Robotics Competition**
- **The Second Prize in the infantry robot of the National University Robotics Competition**
- **The Mainstay Award of the National University Robotics Competition**

Awards

- **2021 Morning Star Scholarship (only 25 students in the whole university)**
- **2020-2021 Academic Excellence Scholarship**
- **2020-2021 Science and Technology Innovation Scholarship**
- **2019-2020 Learning Progress Scholarship**

Experience

- **National Undergraduate Training Program for Innovation and Entrepreneurship**
Contribution: General scheme design, autonomous navigation and voice control module
- **Internship in the Media and Communication Lab, HUST**
Study in the field of Weakly Supervised Object Detection(WSOD)

Self-Assessment

- **A strong ability to retrieve information and self-study**
- **Proficient engineering practice skills**
- **Full of enthusiasm and optimism**