

# HUANG YANTAO

Fuzhou, Fujian | 15060131552 | huangyt2023@shanghaitech.edu.cn

## Education

### Shanghaitech University

September 2023 – June 2026

*MS in Electronic Engineering*

### Changchun University of Science and Technology

September 2019 – June 2023

*BS in Electronic Information Engineering*

## Project

### SiemensCup China Intelligent Manufacturing Challenge

June 2021

- **Project Content** Using intelligent robots from **DaMing Company** to plan intelligent production lines
- **Work Undertaken** Design and scheme writing of intelligent production line
- **Current Achievement** The work won the second prize in the national preliminary competition of the 15th "Siemens Cup" China Intelligent Challenge

### National Undergraduate Electronic Design Contest

May 2021

- **Project Content** Design of a multi rotor aircraft
- **Work Undertaken** Assembly of aircraft and writing the introduction of the paper
- **Current Achievement** The physical object of the multi rotor aircraft has been basically completed, and it can currently complete simple flight tasks

## Scientific Experience

### Micro nano processing devices

November 2023-January 2024

- In the field of soft matter micro- and nano-processing, I utilized the L-edit software to design devices and draft device processing protocols.  
After undergoing processes such as lithography, etching, and thin film corrections and manipulations, the devices were encapsulated and tested, ultimately yielding a one-dimensional micro- and nano-structured thermal MEMS device.  
Additionally, I have participated in the fabrication of PMUT devices.

## Honours and Awards

### "Dangtang Cup" Information and Communication Technology Competition.

July 2022

*Third Prize in the National Grand Finals*

### "SiemensCup" China Intelligent Manufacturing Challenge

June 2021

*Second Prize in the National Preliminary Competition*

### "Challenge Cup" National Undergraduate Curricular Academic Science and Technology

June 2021

*Third-grade Award at the school level*

### National Inspirational Scholarship

## Additional Experience And Awards

During the summer vacation of 2022, I volunteered as a college student at Fuzhou Railway Station to provide passengers with ticketing for entry, exit, transfer, and direction guidance. At the same time, I also participated as a volunteer in river cleaning, epidemic prevention and control, and other work. I volunteered for 168 hours and was awarded the title of Outstanding Young Volunteer by the Volunteer Service Center.

## Summary

I have an outgoing personality and a clear academic plan. Basic knowledge of electronic technology and information systems during the four-year undergraduate period. Having strong comprehensive skills in electronic system design, analysis, and problem-solving.

During my graduate studies, I gained a better understanding and practical experience in micro/nano processing devices, and became familiar with various instruments and equipment used to prepare micro/nano devices.