Jiansong Huang

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Experiences

Chongqing, China
March 2015

Programmer, operator
First Tech Challenge
China southwest division

- Use RobotC (C language) to write the automatic stage program and the manual operation stage program for the competition robot. Act as a robot operator on the field. In the southwest division of the thinking award, advanced to the finals of the Chinese division.

Shanghai, China
April 2015

Programmer, operator
First Tech Challenge
Chinese division

- On the basis of the program used in the southwest division, the infrared detection and positioning beacon driven by the servo motor was added, while the encoder was added to control the motor.
- Won the third prize of China division science and technology enlightenment award, the first prize of thinking award. And was invited to participate in the regional invitational tournament in Australia.

Shanghai, China
July 2015

Student
FABLAB O at Tongji University

- Visit and study at FABLAB O maker space in Shanghai.

Boston, MA, USA
August 2015

Student, programmer
NuVu Studio

- A team was formed to identify the "hovercraft" theme and drive the entire model using arduino. Tools and materials from maker space were used to make the hovercraft, and arduino was used to drive and control the hovercraft.

Chengdu, China
September 2017

Student
Southwest Jiaotong University

- Major in Bioengineering, participate in the 2+2 program to study in SWJTU.

Chengdu, China
September 2017

Administrator
Maker space at SWJTU

- Manage the use of maker space equipment, participate in the arrangement of Sino-US young maker competition.

Chengdu, China
June 2018

Minister
The student union of college

- Planned and organized student activities, and served as the technical director of activities in the college.

Atlanta, GA, USA
June 2019

Student
Georgia State University

- Participate in the 2+2 program to study in GSU, and add computer science as the second major.

Atlanta, GA, USA
November 2019

Associate minister
Chinese Student Union

- Work as associate minister in propaganda minister, responsible for activities organizing, running Wechat official account, and responsible for communication between society.

Atlanta, GA, USA
January 2020

Research assistant
Biology – iGEM competition team

- Work as a research assistant in iGEM competition team, mainly responsible for algae culturing and bleaching research, currently responsible for building an automatic algae culturing house using Arduino.

Atlanta, GA, USA
June 2020

Student
Honors College - GSU

- Enrolled in Honors College.

Awards

- Fall 2019 Dean's list of GSU

- Fall 2019~ In-state tuition award as an international student

- April 2020 GSURC Outstanding Climate Project Award

- April 2020 GSURC Sustainability Award

- Spring 2020 Dean's list of GSU

Education

Shude High School, Chengdu, Sichuan, China
2014-2017

Southwest Jiaotong University, Chengdu, Sichuan, China
Major: Bioengineering
2017-2019   Institutional GPA: 3.03

Georgia State University(in progress), Atlanta, Georgia, USA
First major: Biology
Second major: Computer Science
2019-2021   Institutional GPA: 3.94

Interests

For Computer Science:
Cloud computing/simulation, Data mining, Embedded systems, Security, Networks, and Robots

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Language

Chinese
English