



EDUCATION

Huazhong University of Science and Technology (985)

Sep 2019 - Jun 2022

• **major:** Control Science and Engineering **Master**

Wuhan

• **grade:** 88.27 (total 100), **rank:** 25%;

Nanjing Normal University (211)

Sep 2015 - Jun 2019

• **major:** Electrical Engineering and Automation **Bachelor**

Nanjing

• **grade:** 86.39 (total 100), **rank:** 5%;

SKILLS & OTHERS

• **Skills:** C++, C, Python, Git;

• **Languages:** CET4(595), CET6(483);

• **Technology:** embedded software development, certain hardware foundation, PCB layout;

PROJECT EXPERIENCE

• Visual Grasping Control System of the 6DoF Robot

Nov 2020 – Sep 2021

✦ Visual calibration design, optimize the calibration process and control the calibration error lower than 1.2cm;

✦ Based on reinforcement learning, achieve dense hashing target capture, where the grasping success rate is

increased by 5% compared with other methods, and use topic and service for node communication;

✦ **Results:** Published a paper on EI conference as the first author;

• Smart Home Control System Based on the RISC-V Processor

Jun 2020 – Sep 2020

✦ Complete the data acquisition of the underlying sensor and basic control logic program design;

✦ Access Ali Cloud through ESP8266, and develop a small program of Wechat to monitor from the remote;

✦ **Results:** Published a paper on EI conference as the first author;

INTERNSHIP EXPERIENCE

• Huawei

C++ Software Engineer

Mar 2021 - Apr 2021

✦ Perform functional tests for multiple boards;

✦ CQI rectification, improve function interface specification, submit code up to 0.7k;

• PS-Micro Co., Ltd

C++ Software Engineer

Oct 2020 - Feb 2021

✦ Use python and C++ to complete the software development of disordered sorting with the 6DoF robot,

including simulation and physical grasping;

✦ Design a camera calibration upper computer based on nine-point calibration method;

• Nuclei

Embedded Software Engineer

Dec 2019 - Feb 2020

✦ Complete interrupt, serial port, I2C, SPI and other demo design based on RVSTAR development board and the preparation of technical documents;

COMPETITIONS

• Second runner up in 2020 BRICs Industry Innovation Cooperation Competition

Dec 2020, Xiamen

• Third prize of central China Electronic Design Competition

Aug 2020, Wuhan

• Champion of National College Students' Smart Car Competition

Aug 2018, Xiamen