



EDUCATION

University of Science and Technology of China (USTC)

Sep 2016 - Jul 2020

B.E. Information Security in School of Information Science and Technology

Hefei

- **GPA:** 3.83 / 4.3 (Top 8 / 60)
- **Overall Average:** 89.22 / 100
- **Relevant Coursework:** Calculus-I(95), Calculus-II(95), Linear Algebra(90), Software Engineering(97), Data Structure(91), Information Theory(97), Cryptography(93), Database(90), Operating System(88)

AWARDS & HONORS

Member of Talent Program in Information Science and Technology

Jul 2016 - Sep 2020

(top 20%)

National Encouragement Scholarship

Sep 2018

(top 4%)

Institute of Electronics Chinese Academy of Sciences Scholarship

Sep 2018

(top 4%)

National Encouragement Scholarship

Sep 2017

(top 4%)

Scholarship of Chang Xing, USTC

Sep 2017

(top 5%)

First Prize in Electronic Design Competition, USTC

Jan 2019

(top 1)

RESEARCH EXPERIENCE

3D POV LED Display System (Team Leader), USTC

Sep 2018 - Jan 2019

A system designed to display pictures on a spherical surface generated by a rotating LED strip

- Designed an user friendly GUI tool with Opencv to convert the RGB-image into the format supported by LED strip control protocol in STM32.
- Implemented a PID algorithm on Arduino to adjust motor speed so as to adapt to the refresh rate of LED strip.
- Improved the STM32F103's I/O speed by using DMA and SPI protocol in image transmission part.

Group Management System for Developers (Front-end group), USTC

Sep 2017 - Feb 2018

A group management system with task assignment & discussion functions

- Designed and realized a UI for the system with Layui, a front-end framework.
- Implemented mysql database interface with PHP and designed a series of sql injection detecting functions
- Deployed the system on Ali Cloud server and fixed bugs in alpha & beta tests.

Investigation of Indoor 3D Scene Segmentation

Jun 2018 - Sep 2018

An investigation of indoor 3d scene segmentation.

- Watched relative papers, mainly of the semantic based method.
- Focused on PointNet series - point cloud based classification/segmentation network.
- Retrained its network and understand its theory in detail.

WORKING EXPERIENCE

Teaching Assistant of Data Structure Course in USTC

Jul 2018 - Jan 2019

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ACTIVITY EXPERIENCE

Sakura Science Exchange Program, UEC Group

Nov 2018

Investigation of IoT in Japan

Tokyo

International Artificial Intelligence Summer Camp

Jul 2018

campers & native volunteer

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Science and Technology Week of USTC

May 2018

Group Leader in Tourist guide working group

Hefei

SKILLS

- **Programming:** C/C++, Python, SQL, PHP, Javascript, HTML
- **Framework:** Tensorflow, Pytorch