

# YUdongZHANG

✉ axyzdong@163.com    📞 +86 17855525056    🌐 axyzdong.blog.csdn.net

📍 Tianchang County, Chuzhou City, Anhui Province, 239300, China

## EDUCATION

---

**Anhui University of Technology** Ma'anshan, China  
*B.S. of Automation, GPA: 91.6/100, Ranking:1/166* *Sep 2018 – Jun 2022*

## NOTABLE PROJECTS

---

**Student Research Training Program** **Project Leader** Dec 2019 – Jun 2020  
- Aimed to measure the temperature without contact, face detection and recognition and wearing mask recognition.  
Main Task  
- Temperature measurement, the infrared temperature measurement module is used to collect the body temperature of the measured person, and stm32 is used as the digital processor for programming.  
- Identification, the maixbit minimum system with kendryte k210 soc as the core unit is used to connect the camera and display screen. The camera obtains the face image, and uses the face detection model (yolov2 tiny model), the face five key point detection model and the face eigenvalue model for face detection and recognition.

## ACADEMIC ACHIEVEMENTS

---

### Patents of Utility Model Patent

- Zhang Youdong; Chen Wei; Wang Runyan; Zhu Hongyu. A remote control anti-interference voice playback device [P]. Chinese patent: cn202020696443. X, 2020-10-30.
- Zhang Youdong; Chen Wei; Wang Runyan; Zhu Hongyu; Zhu Yifan. A remote control anti-interference voice circuit based on nodemocu [P]. Chinese patent: cn202020696414.3, 2020-09-29.
- Yuan Xiangping; Zhang Youdong; Hou Weiming; Wang Yingying; Zhang Demai. A multichannel voice playback device [P]. Chinese patent: cn201922203632.9. 2020-06-09
- Yuan Xiangping; Zhang Youdong; Hou Weiming; Wang Yingying; Zhang Demai. A single chip microcomputer voice expansion control circuit [P]. Chinese patent: cn201922203622.5, 2020-06-09

## SKILLS

---

- **Programing Language:** Python, C, MATLAB, L<sup>A</sup>T<sub>E</sub>X
- **English Level:** CET-4 (521)    CET-6 (457)

## AWARDS

---

- National Scholarship(0.2%) 2020.12
- Special scholarship of Anhui University of Technology (1%) 2020.12
- Anhui University of technology "three good student model" (1%) 2020.12
- National College Students photoelectric Design Competition 2020.08
- National College Student Electronic Design Competition 2020.12
- Anhui University Internet of things application innovation competition 2020.12
- Central division of national college students photoelectric Design Competition 2020.08
- LanQiao Cup national software and information technology professionals competition 2020.10
- National College Students' Mechanical Innovation Design Competition 2020.12
- National College Students semiconductor light source system innovation competition 2020.12