

Xiong Chun

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EDUCATION

09/2012-06/2016

University of Electronic Science and Technology of China

Bachelor in Software Engineering

GPA: 85.00/100

Rank: 11/105

RESEARCH EXPERIENCE

Smart stethoscope

01/2015-05/2016

Chengdu Jisen Technology Company

Instructors: JiangWei

Project details: To develop a new type of stethoscope, which will collect the human lung sounds, quantify and mark the symptoms, collect large amounts of data, and use machine learning to extract features for auscultation and judgment.

Main contribution: project design, 3D modeling, data acquisition, data algorithms, applied for 1 patents.

Non-invasive blood glucose meter

01/2015-12/2016

Chengdu Jisen Technology Company.

Instructors: JiangWei

Project details:Diabetes is the most common disease that is difficult to cure. A non-invasive blood glucose meter will solve the problem of traumatic blood collection. Infrared light analysis is used to indirectly measure human blood glucose data and a new type of detection instrument needs to be designed.

Main contribution: Project design, circuit design, algorithm design,applied for 1 patents.

Smart vacuum cleaner

09/2013-05/2014

UESTC

Instructors: Liao Yong

Project details: Based on single-chip microcomputer control, embedded operating system, ultrasonic sensor barrier technology disc-shaped vacuum

cleaner, try to implement the algorithm to achieve the maximum indoor area cleanup.

Main contribution: Using Altium Designer to draw PCBs, make circuit boards, transplant tiny operating systems, and write control programs. [School Innovation Fund Project]

Embedded word processing system development 03/2013-04/2014
UESTC

Instructors: Luo HuiQiong

Project details: Using EM310 module programming on the single-chip micro-computer to achieve short messaging, telephone dialing, GPRS Internet access. Main contribution: Using Keil programming control microcontroller to achieve GPRS. [School Innovation Fund Project]

PROFESSIONAL EXPERIENCE

Founder and CEO 07/2016-06/2019

Sichuan Taiji Xiong Technology Co., Ltd., General Manager

Project details: Software and Hardware Development of STEM Education: STEM Innovative education begins in primary and secondary schools. Primary school students, middle school students and high school students can learn programming by graphical programming software, they can create product by intelligent electronic hardware and while learning ways and means of innovation creation.

Main contribution: Team building, product development, marketing, finding business opportunities, and company operations. Develop 8 products, applied for 15 patents and 7 software copyrights.

Research and Development Engineer 01/2015-06/2015

CRRC Information Technology Co., Ltd., Technology Development

Participate in freight train operation control optimization system, embedded system control terminal software system development, function test development.

Research and Development Engineer 06/2014-09/2014

Chengdu Haocaiduo Agricultural Technology Co., Ltd., Technology Development

Build a ZigBee-based smart agricultural monitoring system for the company's agricultural production base and realize agricultural production informatization.

Project Manager 08/2013-12/2013

Chengdu Pandora Information Technology Co., Ltd., Web Development

Crawl data from a website , Sorting out and updating of website background data. Completed www.tsichuan.com "Sichuan fun" website background data maintenance.

ACTIVITIES

School, Baidu Campus Club Chairman

09/2013-06/2015

Responsible for the operation and management of the Baidu Club at Shahe Campus, and jointly conducted "geek" activities with Beijing Baidu.

School, Embedded Studio Founder and Leader

12/2012-05/2014

Responsible for interior project management, technology research and development, technical training, staffing, team building and external contacts.

ADDITIONAL

Competition, Awards & Honor:

- The China-US Young Maker Competition in Beijing "First Prize" 2018 (Committee of China-US. Young Maker Competition) 05/2018
- Undergraduate Excellent Bachelor Dissertation(UESTC) 06/2016
- The 7th College Graduates Entrepreneurial Competition "Silver Award"(Chinese Communist Youth League) 05/2016
- The 9th China (Chengdu) International Software Design & Application Competition "First Prize" (China Software Industry Association) 04/2016
- "Innovative and Entrepreneurial Outstanding Individuals"(UESTC) 12/2015
- "First-class People's Scholarship"(UESTC) 12/2015
- Excellent performance in STEM 2015 International Summer School "Second Prize"(Beijing Normal University) 07/2015
- "National Scholarship for Encouragement"(UESTC) 12/2014
- National University Student Intelligence Design Competition "First prize"(China Artificial Intelligence Association) 07/2014
- "The Samsung Scholarship"(UESTC) 12/2013

Skills:

Familiar with c_cpp, mysql, python, matlab, robotics, solidworks, PCB design.