

Xiong Chun

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Education

09/2012-06/2016 **University of Electronic Science and Technology of China (UESTC)**

Bachelor: Software Engineering (Embedded Systems) GPA: 3.5/4; Rank:11/105

Research and development Experiences

Development of STEM education system [Sichuan TaiJiXiong Technology Co., Ltd.] 07/2016-07/2019

- Developed 3 graphical programming software platform, and 8 intelligent hardware products.
- Patent1: **C. Xiong**, H.N. Liu, H.X. Cheng, "A straw robot development board" CN Patent for Invention, Serial No: CN107123347A, 01/09/2017.
- Patent2: **C. Xiong**, H.N. Liu, H.X. Cheng, "A teaching type development board based on Atmega32u4" CN Patent for Invention, Serial No: CN206162966U, 10/05/2017.
- Patent3: **C. Xiong**, H.N. Liu, H.X. Cheng, "A development board with integrated WIFI" CN Patent for Utility Models, Serial No: CN207337733U, 08/05/2018.
- Patent4: **C. Xiong**, H.N. Liu, H.X. Cheng, "A experimental box with integrated sensor and actuator" CN Patent for Utility Models, Serial No: CN206877546U, 12/01/2018.
- Patent5: **C. Xiong**, H.N. Liu, Z.H. Lin, "MixPanda graphical programming system" CN Patent for Software copyright, Serial No: 2017SR570800, 01/01/2017.
- Patent6: **C. Xiong**, H.N. Liu, Z.H. Lin, "Online mind mapping software" CN Patent for Software copyright, Serial No: 2019SR0389100, 25/04/2019.
- Patent7: **C. Xiong**, H.N. Liu, Z.H. Lin, "Online 3D modeling system" CN Patent for Software copyright, Serial No: 2019SR0403643, 28/04/2019.
- Patent8: **C. Xiong**, H.N. Liu, Z.S. Zhang, "Online Micro-Python editor system" CN Patent for Software copyright, Serial No: 2019SR0403643, 25/04/2019.

Non-invasive blood glucose meter [Chengdu JiSen Technology Co., Ltd.] 06/2014-06/2016

- Project design, circuit design, algorithm design, 2 patents.
- Patent1: **C. Xiong**, W. Jiang, C. S. Gao, J. H. Huang, "A wireless non-invasive intelligent blood glucose meter" CN Patent for Utility Models, Serial No:CN206482579U, 18/05/2016.
- Patent2: **C. Xiong**, W. Jiang, C. S. Gao, J. H. Huang, "A wearable smart blood glucose meter" CN Patent for Utility Models, Serial No:CN205795708U, 18/05/2016.

Smart stethoscope [Chengdu JiSen Technology Co., Ltd.] 06/2014-06/2016

- Project design, 3D modeling, data acquisition, data algorithms, patent writing.
- Patent: **C. Xiong**, W. Jiang, C. S. Gao, J. H. Huang, "Digital stethoscope and a method for filtering heart sound to extract lung sound" CN Patent for Invention, Serial No:CN106022258A, 18/05/2016.

Smart vacuum cleaner [Innovation Fund Project By UESTC] 09/2013-05/2014

- Using Altium Designer to draw PCBs, make circuit boards, transplant tiny operating systems, and write control programs.
- **1st Prize** in National University Student Intelligence Design Competition, 2014.

Embedded word processing system [Innovation Fund Project By UESTC] 03/2013-04/2014

- Using keil programming on the single-chip microcontroller to achieve short messaging, telephone dialing and GPRS Internet access with EM310 module.

Work / Internship Experiences

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|---|-------------------------|------------------------|
| Sichuan Taiji Xiong Technology Co., Ltd. | Founder and CEO | <i>07/2016-07/2019</i> |
| Team building, products development, marketing and company management; Software and hardware design and development of STEM education; Courses and products sold in thousands of schools. | | |
| CRRC Information Technology Co., Ltd. | R&D Engineer | <i>01/2015-06/2015</i> |
| Participated in freight train operation control optimization system; Embedded system control terminal software system development; Software white box test, black box test and function test development. | | |
| Chengdu JiSen Technology Co., Ltd. | R&D Leader | <i>06/2014-06/2016</i> |
| Led 2 R&D projects of Non-invasive blood glucose meter and Smart stethoscope; Project design, 3D modeling, circuit design, data acquisition, data algorithms. | | |
| Chengdu Pandora Technology Co., Ltd. | Project Manager | <i>08/2013-10/2013</i> |
| Crawled network data and updated website background data. Maintained background data for "Sichuan fun" website (www.tsichuan.com). | | |

Awards and Recognitions

- 1st Class People's Scholarship (UESTC), 2014.
- 1st Prize in National University Student Intelligence Design Competition (China Artificial Intelligence Association), 2014.
- National Inspirational Scholarship (UESTC), 2015.
- The Samsung Scholarship (UESTC), 2015.
- Innovative and Entrepreneurial Outstanding Individuals (UESTC), 2015.
- 2nd Prize in Excellent performance in STEM 2015 International Summer School (Beijing Normal University), 2015
- 1st Prize in China (Chengdu) International Software Design & Application Competition (China Software Industry Association), 2016.
- The Silver Award in National College Graduates Entrepreneurial Competition (Chinese Ministry of Education), 2016.
- Outstanding undergraduate thesis award (UESTC), 2016.
- 1st Prize in the China-US Young Maker Competition in Beijing (Committee of China-US. Young Maker Competition), 2018.

Extracurricular Activities

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|---|---------------------------|------------------------|
| Baidu Campus Club | Chairman | <i>09/2014-06/2015</i> |
| Built a learning organization for Internet technology, organized training on Android development and java web development, trained and recommended talents to go to Baidu for internship. | | |
| Embedded Studio | Founder and Leader | <i>12/2012-05/2014</i> |
| Finished 3 university Innovation fund projects, invited 4 professors as instructors and learnt to become one system architect, members to participate in computer related competitions. | | |

More Information

Computer Skills: Proficient in Python, C, Matlab, SolidWorks, Altium Designer.

Self-Assessment: Energetic, Self-motivated and Cooperative, with a pleasant mature attitude.