

# Shi-Xing 'Sam' Liu

Email: [c52647w@gmail.com](mailto:c52647w@gmail.com)

## **Education**

---

**B.S.** in Electronic and Computer Engineering (ECE),  
National Taiwan University of Science and Technology (NTUST) 2014-2018  
Taipei Municipal Da-An Vocational High School 2011-2014

## **Research Interest**

---

Computer Vision, Robotics, Embedded System, DSP

## **Relevant skills**

---

- **Courses** Embedded System, Design of Wearable Electronics Applications, Introduction to Intelligent Video Surveillance System, Introduction to Multimedia Information System, Medical Ultrasound Imaging
- **Programming Tool** C, Python, Matlab
- **Middleware and Libraries** RTOS, OpenCV

## **Awards**

---

### **Winner of Senior Project Contest, NTUST ECE**

- Design a paralyzed patient care system to monitor the physiological information with non-invasive sensors. 2017

### **Winner of ARM Design Contest, TAIWAN**

- Design a wearable activity rate monitoring device to for soldiers and sports people to avoid exercising excessively. 2016

## **Leadership**

---

### **Tzu-Ching Volunteer Club, NTUST**

- Leader of activities section,* 2016-2018
- Planned and organized volunteer activities for elder caring and vegetarian advocacy.