

Education

- Sep. 2010 - July 2013, Tianjiabing Experiment Senior High School, Jiangsu, China
- Sep. 2013 - July 2017, B.S. degree in electronic information engineering, Nanjing University of Information Science & Technology, Jiangsu, China
- Sep. 2015 - Mar. 2016, Exchange student funded by CSC, Saitama University, Japan
- Sep. 2017 - Sep. 2018, Research student, Department of Electrical Engineering and Information System, Graduate School of Engineering, The University of Tokyo, Japan
- Sep. 2018 - Present, Master Student, Department of Electrical Engineering and Information System, Graduate School of Engineering, The University of Tokyo, Japan

Work Experience

- Sep. 2017 - Sep. 2018, Technical Staff, Department of Electrical Engineering and Information System, Graduate School of Engineering, The University of Tokyo, Japan
 - Work on the high-speed network communication between computers
 - Work on the high-speed image acquisition between PCO camera and computer
- July. 2017 - Sep. 2017, Algorithm engineer, Suzhou automotive Research Institute, Tsinghua University, Jiangsu, China
 - Work on the pedestrian detection algorithm based on C4 algorithm
 - Implement the algorithm on the embedded system
- Aug. 2016 - Mar. 2017, Embedded system software engineer, Arducam company, Jiangsu, China
 - Auto focusing system based on Arduino
 - Auto worm counting system based on STM32F429

Honors and Awards

- 2014.02 First prize of school-hosted higher mathematics competition
- 2014.11 The first prize scholarship, Nanjing University of Information Science & Technology
- 2014.12 Winning award of Jiangsu virtual instrument competition
- 2015.08 The second prize of national electric design competition
- 2015.11 The first prize scholarship, Nanjing University of Information Science & Technology
- 2016.02 Honorable mention of mathematical contest in modeling
- 2016.03 The provincial second prize of Lanqiao cup software design competition
- 2016.07 The first prize in eastern china of NXP national university student intelligent car race
- 2017.08 The first prize scholarship, Nanjing University of Information Science & Technology
- 2017.10 Outstanding Graduates Thesis, Nanjing University of Information Science & Technology

- 2018.03 Promising award of national university student innovation project

Patents

- 2015.08 Parking management system
- 2016.01 Auto sun-tracking system based on optical image sensor
- 2016.08 Sun-tracking system and method based on image acquisition and processing
- 2016.08 Auto reverse parking system based on image sensor

Research Experience

2014.05 - 2016.05 National college student innovation project:

Sun-tracking system based on scattering radiation measurement

- Design the mechanical structure and algorithm
- Write the code for embedded system
- Apply the patents
- Write papers

2017.03 - 2018.03 Laboratory open project:

Auto reverse parking system based on image sensor

- Design the mechanical structure and algorithm
- Write the code for embedded system
- Apply the patents

2016.09 - 2017.06 Graduation design:

Facial expression recognition system based on Android

- Extract the action units from different datasets
- Train the classifier with SVM algorithm
- Write the code for smart phone and server

Technical Skills

- Programming languages: Matlab, C, C++, JAVA, Python
- Other: Linux (Ubuntu), Mac OS, Windows OS, Latex

Language

- TOEFL: 100
- JLPT: N2