

Curriculum Vitae

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EDUCATION

Shanghai Jiao Tong University (SJTU) *Sep 2014 - Now*
Senior Student in Information Engineering, School of Electronic Information and Electrical Engineering (SEIEE)
Admitted to Zhiyuan Honors Program on Engineering, SJTU
Overall GPA: 3.55/4.0, Major GPA: 3.63/4.0, Ranking: 38/170

RESEARCH EXPERIENCES

Application of Smartphones in College Physics Experiments | Team Leader *Sep 2015 – Mar 2016*
Supervised by Jinhui Wang, Associate Professor, School of Physics and Astronomy, SJTU

- Surveyed various kinds of sensors used in smartphones
- Put up with three new physics experiments using smartphones
- Conducted and analyzed the experiments and gave advice on future physics experiment courses

Trust Degree in Wireless Communication Networks | Team Member *Jan 2017 - Now*
Supervised by Ying Cui, Associate Professor, SEIEE, SJTU

- Learning the concept of *trust* in wireless communication networks
- Surveying content-based security in wireless transmission

PROJECTS

Science and Technology Innovation (Part 2 - A) | Team Member *2016 Spring*

- Designed and accomplished a program-controlled gain amplifier
- Wrote codes for MSP430 MCU in C and helped to weld circuits

Science and Technology Innovation (Part 4 - A) | Team Member *2017 Spring*

- Designed and accomplished a master-slave communication system
- Wrote codes for serial port communication and GUI of global control program in C#

Solar Airship | Team Member *2017 Summer*

- Done as summer intern in Cornell University and supervised by Prof. Knepper
- Wrote firmware for Pixhawk that controls the solar airship in C

HONORS & AWARDS

Honorable Mention in COMAP's Mathematical Contest in Modeling *Apr 2017*
Academic Excellence Scholarship (Second-Class) of Shanghai Jiao Tong University *2015 - 2016*
Zhiyuan Honor Scholarship *2014 - 2016*
Third Prize in National Undergraduate Physics Competition (Shanghai Division) *Oct 2015*
Academic Excellence Scholarship (Third-Class) of Shanghai Jiao Tong University *2014 - 2015*
Merit Student of Shanghai Jiao Tong University *2014 - 2015*

SKILLS

Programming: C, Java, Python, MATLAB
Language: Chinese (Native), English (Fluent)
Interests: Music, serving in Shanghai Jiao Tong University Choir