

# ZhaoXin

( 65 ) 81146772 | xin009@e.ntu.edu.sg

## EDUCATION

**Nanyang Technological University (NTU), Singapore** *Aug 2018 - Jul 2019*  
*Master of Science (Communication Engineering of School of Electronic & Electrical Engineering)*

- Related Courseworks: Computer Network, Project Management & Technopreneurship, Digital Communication Systems, Computer Control Network.

**University of Electronics Science and Technology of China (UESTC)** *Sep 2014 - Jul 2018*

*Bachelor of Electronic Science and Technology*

- Related Courseworks: C++ programming, Data Structure & Algorithm, Computer network, Operating System, Data Base (MySQL).
- GPA: 3.77 / 4.0 (Top 5%)
- Honors: Second-class People's Scholarship (2014-2015), Third-class People's Scholarship (2015-2016), Third-class People's Scholarship (2016-2017).

## RESEARCH & APPLICATION PROJECTS

**Application Project (Gift Sending Advice)** *Mar 2019 - Apr 2019*  
*Main Participant, School of Electronic & Electrical Engineering, NTU* *Singapore*

- Worked in a team of 7 for a duration of 7 weeks.
- Communicated with potential customers and conducted market analysis through customer surveys, improved the project feasibility.
- Set up the application model and established the basic program modules.
- Prepared a comprehensive plan & report and got highest project score.

**New Type Inverted Organic Solar Cells Design and Performance analysis** *Oct 2017 - Jun 2018*

*Individual Project, School of optoelectronic science and engineering, UESTC*

- Designed and built solar cell models and fabricated different types of organic solar cell.
- Collected complex data of circuit voltage and current, by semiconductor characteristic test.
- Analysed and processed data using C++ program and got photon-to-electron conversation efficiency(PCE).
- Built function graphs of different solar cells with matlab.
- Improved the yield and reliability of different models by simulating under various conditions and finally developed an excellent device with photon-to-electron conversation efficiency of 9.16%(much higher than other organic solar batteries on current of 6%-7%).

## PROGRAM ACTIVITIES OF UESTC

**Mathematical program contest** *Dec 2016 - Jan 2017*  
*Design the Paycheck Plan for employees*

- Designed and established Mathematical modeling of different paycheck plan of employees.
- Designed a program to provide paycheck plan for more than 20,000 employees with C++.
- Built a program with higher time efficiency(beat over 85% competitors) by using tax avoidance.
- Gain the Excellent Performance Prize of programming contest.

## WORK EXPERIENCE

**Resident Service & Publicity Center of Dujiangyan** *Jun 2016 - Aug 2016*  
*Software Engineer Assistant (intern)* *Chengdu*

- Worked closely with software engineer and data engineers and data to deal with daily work including documents management and data collection and web messages update.
- Set up the first internet service platform in WeChat APP, reduced service time by 50%.

## SKILLS & CERTIFICATIONS

- **Skills:** C++ programming language, MATLAB, MySQL, Office Suite
- **Certifications:** National Computer Rank Examination Certification of Level 2
- **Languages:** Mandarin, English