

## Education Background

- Aug.2017–present **Candidate for Physics major**, *School of the Gifted Young (2021), University of Science and Technology of China*, Hefei, China.
- Honored Class: Yan Jici Talent Program in physics
  - GPA: 3.92/4.30
  - Rank(all students majoring in Physics): 15/132

## Research Experience

- Sept.2018–present **Undergraduate Research Fellow in Han's group**, *USTC*, Hefei, China.  
In Prof. **Liang Han's** lab, my research focuses on measuring Z boson rapidity on DO, Tevatron. What I do is to develop software to analyze experimental data, and dig up useful information for theoretical computation, like fitting of Parton Distribution Function.
- Jul.2020–present **Undergraduate Research Fellow in Li's group**, *TDLI/SJTU*, Shanghai, China.  
In Prof. **Shu Li's** lab, my work is on gbb calibration for xbb tagger in ATLAS, LHC.
- Sept.2019–Dec.2019 **Undergraduate Research Fellow in Wang's group**, *USTC*, Hefei, China.  
In Prof. **Zhongping Wang's** lab, my research focuses on preparing Graphene Quantum Dots(GQDs) with hydrothermal method.

## Skills and Outreach Activities

- Programming Skills Familiar with C/C++, python, Fortran, Linux, Mathematica, SQL,  $\text{\LaTeX}$ , and other common software in particle physics like ROOT, Geant4, PYTHIA.
- Laboratory Skills Regular user of glove box, fluorescence spectrophotometer, FTIR and XRD facilities.
- Language Skills Mandarin (native)  
English (TOEFL iBT 103 (Reading 30, Listening 26, Speaking 20, Writing 27))
- Standardized Test Score GRE General: Verbal Reasoning 152, Quantative Reasoning 168, Analytical Writing 3.5
- Interests Amateur watercolor painter.

## Honors and Awards

- Silver Scholarship of USTC: 2019
- Funding for Top-notch Students in Basic Subjects (top 5%): 2018, 2019
- Outstanding Freshman's Scholarship of USTC: 2017