

Zihan Zhao

Building East 23, SJTU, No.800 Dongchuan Road,
Minhang District, Shanghai, China, 200240
☎ (+86) 188 2123 0150
✉ zhao_mengxin@sjtu.edu.cn

Shanghai Jiao Tong University Zhiyuan Honors Program

Education

2016–2020 **Shanghai Jiao Tong University.**
(expected) B.S. in Chemistry (Zhiyuan Honors Program)
GPA: 3.95/4.3
GRE Chemistry: 96

Research Experience

- February–December 2018 **The application of a new kind of organic semiconductor materials in SAM-OFET**
School of Chemistry and Chemistry Engineering, SJTU *Advisor: Prof. Tao Li*
-Synthesized different kinds of organic molecules for Self-Assembly Mono-layer Organic Field Effect Transistor based on indigo.
-fabricated the SAM OFET devices.
- September–December 2017 **The exploration of the mechanism of the reaction between oxygen and nitrogen to form nitric on the surface of catalyst**
School of Chemistry and Chemistry Engineering, SJTU *Advisor: Prof. Huai Sun*
-Learned basic knowledge of computational chemistry.
-Carried out part of the calculation of the mechanism of the reaction between oxygen and nitrogen to form nitric oxide in vacuum.

Skills

- Language English: TOEFL 95
- Programming Language Pascal, C++, Python
- Software Gaussian, MATLAB, Visual Studio

Honors

- 2017 **Chinese National Scholarship**
Only top 0.2% undergraduate students in China can get the chance to apply for this honor.
- 2017 **Lixin Tang Scholarship**
Award to the most potential scientist entrepreneurs and politicians. Only around 60 students per years, including M.S. and Ph.D, can get this honor in SJTU.
- 2017 **Elite League Cadres of Shanghai Jiao Tong University**
Honored for great devotion as a League members of Youth League Committee of Zhiyuan College and the vice president of the student union of Zhiyuan College
- 2017 & 2018 **Zhiyuan Honors Scholarship**
Only top 10% students at Shanghai Jiao Tong University can be admitted into Zhiyuan Honors Program
- 2018 **Merit Student of Shanghai Jiao Tong University**
Honored for integrated development in moral, intellectual and physical aspects