

Tianxiang Chen

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Hongyi Honor College
Wuhan University, Wuhan, Hubei
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EDUCATION BACKGROUNDS

Wuhan University(WHU)

B.S. in Chemistry, GPA: 3.31/4.00, Rank: 15/216, Top 7%
Honor Degree, class monitor, minoring physics

Wuhan, China

2017.09–2021.06

RESEARCH EXPERIENCE

Wuhan University

Department of Chemistry, Advisor: Lin Zhuang

Wuhan, China

2020.01-now

- Theoretical and computational research on the platinum-group-metal-free hydrogen electrode

University of California, Berkeley

Laboratory Research Experience Program, Advisor: O.M.Yaghi, Peidong Yang

Berkeley, CA

2019.07-2019.08

- Investigation of Superacidity using Metal-Organic Frameworks with Applications in Catalytic Organic Transformations
- Fabrication, Characterization, and Modification of Next Generation Batteries
- Harvesting Water from Air
- Tailoring the Activity and Selectivity of Nanocatalysts Using a Size Tunable Synthesis
- Covalent Chemistry Beyond the Molecule: Covalent Organic Frameworks

Wuhan University

Department of Chemistry, Advisor: Lin Zhuang

Wuhan, China

2018.08-2019.12

- Calculation of the electronic structure of some small molecules to get familiar with Gaussian, VASP, Linux, and fundamental theories

SCHOLARSHIPS AND AWARDS

- Excellent Student Award, WHU 2018, 2019, 2020
- Second Scholarship of WHU 2018, 2020
- Third Scholarship of WHU 2019
- Third Award of Hongyi Academic month 2019.12

SKILLS

- **Programming:** python, C, MATLAB, Linux
- **Computational Software:** Gaussian, gaussview, VASP, Material Studio, VESTA, multiwfn