

HAO TIAN

Southern Methodist University ◇ Dallas, TX 75275-0314, USA

(+1) 682-347-6392 ◇ haot@smu.edu

EDUCATION

Southern Methodist University

Ph.D. program

Theoretical and Computational Chemistry, Dept. of Chemistry

Aug 2019 - Present

Dallas, TX, USA

Beijing University of Chemical Technology

Bachelor Degree

Chemical Engineering, Dept. of Chemical Engineering

GPA: 3.5

Sept 2015 - June 2019

Beijing, China

RESEARCH EXPERIENCE

Southern Methodist University

Ph.D. research project

Aug 2019 - Present

Supervisor: Dr. Peng Tao

- Machine Learning
- Protein Allostery
- Molecular Dynamics

Beijing University of Chemical Technology

Bachelor Research project

Sept 2015 - Jun 2019

Supervisor: Dr. Wei Sun

- Data Analysis
- Machine Learning

TECHNICAL SKILLS

Software & Tools

CHARMM, AMBER, Gaussian, VMD

Latex, Scikit-learn, Tensorflow, Keras

Computer Languages

Python 3, Java, Bash scripting

PUBLICATIONS

- Shen, Q. R., H. Tian, X. Y. Han, H. Zhang, and W. Sun. "Quantitative analysis on the sustainable development of four municipalities in China." In IOP Conference Series: Earth and Environmental Science, vol. 257, no. 1, p. 012012. IOP Publishing, 2019.

SCHOLARSHIP & AWARDS

Scholarship

Ph.D. Scholarship

Southern Methodist University

Since Aug 2019

Dallas, TX, USA

Excellent Student Scholarship

Beijing University of Chemical Technology

Sept 2015

Beijing, China

Awards

Mathematical Contest in Modeling – Meritorious Winner
Beijing University of Chemical Technology

Mar 2018
Beijing, China

TEACHING ASSISTANT EXPERIENCE

Southern Methodist University
General Chemistry, Laboratory of General Chemistry

August 2019 - Present

REFERENCES

Dr. Peng Tao

ptao@smu.edu

SMU Center for Drug Discovery, Design, and Delivery (CD4)

Southern Methodist University

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