

# Hao Tian

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## EDUCATION

### Southern Methodist University, Dallas, Texas, USA

- Ph.D. in Theoretical and Computational Chemistry
  - Adviser: Prof. Peng Tao
  - Cumulative GPA: 4.0 / 4.0

Aug 2019 – Current

### Georgia Tech, Atlanta, Georgia, USA

- M.S. in Computer Science

Starting from Aug 2020

### Beijing University of Chemical Technology, Beijing, China

- B.Eng. in Chemical Engineering
  - Cumulative GPA: 3.49 / 4.33

Aug 2015 – Jun 2019

## PUBLICATIONS

### PREPRINTS

- [2] [Hao Tian](#) and Peng Tao. *ivis Dimensionality Reduction Framework for Biomacromolecular Simulations*. *arXiv preprints arXiv:2004.10718 [q-bio.QM]*, 2020.
- [1] [Hao Tian](#) and Peng Tao. *Deciphering the Protein Motion of S1 Subunit in SARS-CoV-2 Spike Glycoprotein Through Integrated Computational Methods*. *arXiv preprints arXiv:2004.05256 [q-bio.BM]*, 2020.

## AWARDS & SCHOLARSHIPS

- Meritorious Winner, Mathematical Contest in Modeling, Beijing University of Chemical Technology, Beijing, China, Mar 2018
- Ph.D. Scholarship, Southern Methodist University, Dallas, TX, USA, Aug 2019

## SKILLS

Python, Java, Git, Linux,  $\text{\LaTeX}$   
Scikit-learn, Keras  
SQL

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