

Dehao Dai

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Address: Department of Mathematics, UC San Diego, 9500 Gilman Drive La Jolla, CA 92093-0112

Research High-dimensional Time Series
Interests Nonparametric Estimation Under Time Series
Bootstrapping and Subsampling
Time-varying Deep Neural Network Learning

Education **University of California San Diego** La Jolla, CA
Ph.D., Mathematics with Specification in Statistics Jun. 2020 - Present
Advisors: Professor [Danna Zhang](#), [Dimitris N. Politis](#)

Donghua University Shanghai, China
B.S., Mathematics Sep. 2016 - Jul. 2020
Advisors: Professor Litan Yan, Zhengzhong Zhang

Honors and Scholarships Best Tutor Award in ECE department, UC San Diego 2023
James B. Ax Graduate Fellowship, UC San Diego 2022
Excellent Graduate in Shanghai 2020
3rd Prize, National College Student Mathematics Competition 2018
Honorable Prize, American Mathematical Contest of Modeling 2018

Teaching **University of California San Diego** La Jolla, CA
Teaching Assistant 2022 - Present

- MATH 181B: Intro to Mathematical Statistics Fall 2023
- MATH 183: Statistical Methods Summer 2023
- MATH 181B: Intro to Mathematical Statistics Spring 2023
- MATH 181E: Mathematical Statistics - Time Series Winter 2023
- MATH 20B: Calculus/Science and Engineering Fall 2022
- ECE 171A: Linear Control System Theory Spring 2022
 - 100% recommendation rate

Professionial Service **Reviewer for Journals**

- Journal of Biopharmaceutical Statistics

Reviewer for Conference

- IEEE Transactions on Aerospace and Electronic Systems