

Yan Huang

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Pronouns: he/his/him

Research Interests	Applied Mathematics, Numerical Analysis, Scientific Computing, Data Science, Scientific Machine Learning.	
Education	University of Minnesota, Twin Cities <i>Ph.D. in Mathematics</i>	Minneapolis, MN Aug. 2023 - Now
	Southern University of Science and Technology <i>B.S. in Mathematics and Applied Mathematics</i> Honors Program in Mathematics	Shenzhen, China Aug. 2019 - Jun. 2023
Skills	Computer: MATLAB, Python, PyTorch, Java, \LaTeX Language: Chinese (native), English	
Publications		
Projects	Acceleration of Variable Frequency Fourier Transform Developed an acceleration algorithm for computing variable frequency Fourier transform with Prof. Zhen Zhang at SUSTech.	Summer 2022
Talks	Neural Differential Equations Seminar, SUSTech, Spring 2022.	
Awards	SUSTech Excellent Undergraduate Thesis	Jun. 2023
	SUSTech Second Class of the Merit Student Scholarship	Nov. 2022 & 2021
	First Class Award of the 13 th National College Students Mathematics Competition (Guangdong)	Dec. 2021
	SUSTech Third Class of the Merit Student Scholarship	Nov. 2020
	SUSTech Third Class of the Freshman Scholarship	Nov. 2019
Teaching	School of Mathematics, UMN <ul style="list-style-type: none">Teaching Assistant, MATH 1271 Calculus I	Fall 2023
	Department of Mathematics, SUSTech <ul style="list-style-type: none">Grader, MA327 Differential Geometry	Spring 2022