

Serena Su

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EDUCATION

TEXAS TECH UNIVERSITY

Lubbock, TX

Doctor of Philosophy, Mathematics (*track: Applied Mathematics*)

AUGUST 2024 - PRESENT

STOCKTON UNIVERSITY

Galloway, NJ

Bachelor of Science in Mathematics, Minor in Computer Science

2021- 2024

- Organizations - Math Club, Pi Mu Epsilon (President), Circle K International
- Summa Cum Laude, Program Distinction

TEACHING EXPERIENCE

TEXAS TECH UNIVERSITY

Lubbock, TX

Graduate Part Time Instructor

August 2025 - Present

- Spring 2026 - Calculus II
- Fall Online 2025 - College Algebra (MATH 1320)

Teaching Assistant

August 2024 - May 2025

- Fall 2024, Spring 2025 - Mathematics Tutor

STOCKTON UNIVERSITY

Galloway, NJ

EOF Mathematics Tutor

June-July 2024

- Help a diverse body of low-income students in a wide range of math topics during EOF Summer Academy.

Mathematics Tutor

SEPTEMBER 2022 - May 2024

- Patiently help with improving students' mathematical skills and achieving academic goals.
- Provide comprehensive assistance to students across a wide range of courses up through calculus.

STOCKTON UNIVERSITY

Atlantic City, NJ

EOF Math Instructional Assistant

JULY 2023 - August 2023

- Worked as a TA for Intermediate Algebra during EOF Summer Program.
- Facilitated and lead assigned course module – a workshop linked to the course to provide additional assistance and academic support .

RESEARCH

ANALYSIS OF LAKE FRED WITH CALCULUS METHODS AND DATA VISUALIZATION

2022-2024

ADVISOR: DR. CHIA-LIN WU (STOCKTON UNIVERSITY)

ABSTRACT: The objective of this research project is to calculate Lake Fred's area measurements using Calculus II and III techniques. The primary goal of this project is to provide a current and precise measurement of Lake Fred's area, which can be compared with historical data to track any changes in the lake's size.

TOPICS: RIEMANN INTEGRATION, GREEN'S THEOREM, CUBIC SPLINE, DELAUNAY TRIANGULATION (FOR 3D MODELING)

TALKS/PRESENTATIONS

STOCKTON UNIVERSITY

Galloway, NJ

- Math Seminar

November 2022, 2023

MEMBERSHIPS

- Society for Industrial and Applied Mathematics (SIAM)

August 2024 - Present

HONORS AND AWARDS

- Stockton University Dean's List 2021-2024
- NJUMC - Honorable Mention April 2023

SKILLS

- Programming languages (basic-intermediate level): Java, Python, HTML, CSS, Javascript
- Mathematical Languages: Maple, LaTeX