

Serena Su

Lubbock, TX • sesu@ttu.edu • (609) 334 - 4830

EDUCATION

TEXAS TECH	Lubbock, TX
Doctor of Philosophy, Mathematics (<i>track: Applied Mathematics</i>)	AUGUST 2024 - PRESENT
STOCKTON UNIVERSITY	Galloway, NJ
Bachelor of Science in Mathematics, Minor in Computer Science	2021- 2024
<ul style="list-style-type: none">Organizations - Math Club, Pi Mu Epsilon (President), Circle K, Stockton Women in Math (SWIM)Summa Cum Laude, Program Distinction	

TEACHING EXPERIENCE

TEXAS TECH UNIVERSITY	Lubbock, TX
Teaching Assistant	August 2024 - Present
<ul style="list-style-type: none">Fall 2024 - Mathematics Tutor	
STOCKTON UNIVERSITY	Galloway, NJ
EOF Mathematics Tutor	June-July 2024
<ul style="list-style-type: none">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
<ul style="list-style-type: none">Patiently help with improving students' mathematical skills and achieving academic goals.Provide comprehensive assistance to students across a range of courses, including courses such as Calculus and Linear Algebra.	
STOCKTON UNIVERSITY	Atlantic City, NJ
EOF Math Instructional Assistant	JULY 2023 - August 2023
<ul style="list-style-type: none">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
<ul style="list-style-type: none">Math Seminar	November 2022, 2023

MEMBERSHIPS

<ul style="list-style-type: none">Society for Industrial and Applied Mathematics (SIAM)Pi Mu Epsilon (President)	August 2024 - Present April 2023 - May 2024
---	--

HONORS AND AWARDS

<ul style="list-style-type: none">Stockton University Dean's ListNJUMC - Honorable Mention	2021-2024 April 2023
---	-------------------------

SKILLS

<ul style="list-style-type: none">Programming Languages: Java, Python, HTML, CSS, JavascriptMathematical Languages: Maple, LaTeX
