

Kyle T. Stoltz

The University of Texas at Tyler
Department of Mathematics
3900 University Blvd
Tyler, TX, 75799

Curriculum Vitae

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Education and Certifications

- **Master of Science in Mathematics** 2023
 - Texas A&M University, College Station, TX (Remote)
 - Computational Option
 - Final Oral Examination Topic: Elliptic Curve Cryptography
- **Bachelor of Science in Mathematics** 2020
 - University of Texas at Tyler, Tyler, TX
 - Psychology minor
 - Summa cum laude
- **Associate of Science in Mathematics** 2018
 - Tyler Junior College, Tyler, TX
 - Summa cum laude
- **TExES Pedagogy and Professional Responsibilities EC-12 Certification** 2020
- **TExES Mathematics 7–12 Certification** 2020
- **AHA Advanced Cardiovascular Life Support**, RH Health Services, Dallas, TX 2017
- **Nurse Aide Certification**, Tyler Junior College, Tyler, TX 2017

Employment

- **Lecturer**, UT Tyler, Tyler, TX 2025–present
 - **Teacher of Record**, Tyler ISD, Tyler, TX 2020–2025
 - **Instructor**, Mathnasium, Tyler, TX 2019–2020
 - **AVID Tutor**, Mineola High School, Mineola, TX 2019
 - **Grader and Tutor**, University of Texas at Tyler 2018–2019
 - **Caregiver**, Outreach Health Services, Tyler, TX 2018–2019
 - **Tutor**, Tyler Junior College, Tyler, TX 2018
 - **Manager**, Quick & Easy Furniture & Appliance, Jacksonville, TX 2007–2017
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Teaching Experience

- **Dual-credit Precalculus**, TJC x Tyler ECHS, Tyler, TX, 2025
 - **Dual-credit Statistics**, TJC x Tyler ECHS, Tyler, TX, 2025
 - **Dual-credit College Algebra**, TJC x Tyler ECHS, Tyler, TX 2024
 - **Pre-AP Geometry with Statistics**, Tyler ECHS, Tyler, TX 2022–2025
 - **College Math Tutorials**, Tyler ECHS, Tyler, TX 2022–2023
 - **UIL Mathematics Coach**, Tyler ECHS, Tyler, TX 2023–2025
 - **UIL Number Sense Coach**, Tyler ECHS, Tyler, TX 2023–2024
 - **SAT Prep Advisory**, Tyler ECHS, Tyler, TX 2023–2025
 - **Algebraic Reasoning**, Tyler ECHS, Tyler, TX, 2022
 - **Pre-AP Geometry**, Tyler Legacy High School, Tyler, TX 2021–2022
 - **Algebra 1**, Tyler Legacy High School, Tyler, TX 2021–2022
 - **Geometry**, Tyler Legacy High School, Tyler, TX 2020–2021
 - **Math Lab 1**, Tyler Legacy High School, Tyler, TX 2020–2021
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Volunteer Service

- Weekly volunteer, bread "doughnation" pickup, Hunger For Love 2018–present
 - Lighting and video presentation, CT 2018–present
 - Administration and creation of CBC church website 2016–2017
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Professional Activities and Awards

- **SCUDEM: Differential Equation Modeling Challenge** 2018
Modeling the effects of temperature on pine snake populations and sex ratios
Presentation rank: Outstanding
Team members: Travis Hensley, Tyler Russell, Kyle Stoltz
Coach: Dr. J. Regan Beckham
- **JEOPARDY: Natural Selection Edition** 2020
UT Tyler team member, first place. National Academy of Sciences 123rd Annual Meeting, Stephen F. Austin University, Nacogdoches, TX
- **Cranford Scholar Award**, UT Tyler Mathematics Department 2019–2020
- **Grant co-author** 2024
\$4,500 Tyler ISD Foundation Grant, Building Thinking Classrooms in Mathematics

Technical Skills

- Credit dispute auditing officer, e-OSCAR 2014–2017
 - Created installment retail contract software 2010–2017
Developed and maintained closed installment retail contract software with networking, Quick-Books integration, and credit reporting.
 - Proficient in Spanish 2010–present
 - Experienced with Python 2008–present
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