

Curriculum Vitae

Kyle T. Stoltz

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The University of Texas at Tyler
Department of Mathematics
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Education and Certifications

- **Master of Science in Mathematics**, Computational Option | **2023**
Texas A&M University, College Station, TX (Remote)
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
- **TEExES Pedagogy and Professional Responsibilities EC-12 Certification** | **2020**
- **TEExES 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**

Teaching Experience

- **Math for Liberal Arts Majors I**, UT Tyler, Tyler, TX | **2026**
- **Concepts of Modern Math I**, UT Tyler, Tyler, TX | **2026**
- **Intermediate Algebra**, UT Tyler, Tyler, TX | **2026**
- **Math for Liberal Arts Majors I**, UT Tyler, Tyler, TX | **2025**
- **Intermediate Algebra**, UT Tyler, Tyler, TX | **2025**
- **Precalculus**, UT Tyler, Tyler, TX | **2025**
- **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**

Grants

- **UT System Curricular Innovation through OER Grant Program | 2026**
Innovating Curriculum with OER: A Peer Coach Initiative with TSI-Liable Math Students (\$20,000)
Role: Collaborating Partner & Pilot-Section Instructor
Co-piloted the implementation of a peer coaching model for TSI-liable math students.
- **CETL Active Learning Support Grant | Fall 2025**
Whiteboards For Student Led Learning (\$208.74)
Role: Author
Acquired 18 x 32 whiteboards to facilitate collaborative, student-led learning in the classroom.
- **Tyler ISD Foundation Grant | 2024**
Building Thinking Classrooms in Mathematics (\$4,500)
Role: Grant Co-author
Acquired free-standing whiteboards to facilitate collaborative, student-led learning in the classroom.

Presentations and Invited Talks

- **“Elliptic Curve Cryptography” | Fall 2025**
Invited Speaker, UT Tyler Math Club
The University of Texas at Tyler, Tyler, TX

Institutional Service

- **Member, DECCB Advisory Committee | 2026–Present**
UT Tyler Mathematics Department Nominee
Reviewed content outlines and provided discipline-specific feedback for the development of asynchronous professional development training modules.

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**

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**

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**