

HANNAH ODOM

Hannah.Odom@tamuc.edu

<https://www.linkedin.com/in/hannahodom22/>

EDUCATION

The University of Texas at Austin (UT), Austin, TX

May 2021

Bachelor of Science in Mathematics
Minor in Educational Psychology
Current GPA: 3.89/4.00

RESEARCH EXPERIENCE

Institute for Computational and Experimental Research in Mathematics (ICERM) at Brown University

Undergraduate Summer Research Fellow

June 2020- July 2020

- Undergraduate Research Experience focusing on algorithms for numerical computation and data analysis. My team of three focused on using multigrid to more efficiently solve large matrix systems arising from Fourier finite element methods for partial differential equations with solutions in a certain Sobolev space.
- Gained experience in Matlab, LaTeX, and formal mathematical writing

PUBLICATIONS

Crupi, T. Moise, Y. & Odom, H. (2020). *Multigrid for Fourier Finite Element Methods on Axisymmetric Domains*.

TEACHING EXPERIENCE

Learning Assistant at UT

Differential and Integral Calculus for Biologists

Aug 2020- Dec 2020

- Graded weekly quizzes

Differential and Integral Calculus for Business

Aug 2020- May 2021

- Hosted twice-weekly office hours to answer student questions.

Brentwood Christian School

Middle School Math Teacher

Sep 2018- June 2019

- Created lesson plans and instructed 6th and 7th grade “Mastering the Standards” intervention classes customized for students who tested below average in mathematics standardized testing
- Analysis of students’ grades revealed significant increase in students’ scores after taking course

Substitute Teacher

March 2018- June 2019

- Executed lesson plans as substitute teacher in Math, English, History, Art, and more for students in first through twelfth grades

After-School Tutoring Program

Sep 2018- June 2019

Math and Science Tutor

- One-on-one and group tutoring in maths and sciences, with special focus in geometry

Self-Employed

July 2018-Present

Math Tutor

- One-on-one math tutoring for middle-school and high-school students

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ACADEMIC ACHIEVEMENTS AND SERVICE

Phi Theta Kappa Honor Society, Austin, TX Aug 2017-May 2019

Vice President of Austin Community College (ACC) at Round Rock

- Led weekly meetings hosting hundreds of honor society members attending ACC
- Led group of ACC Representatives in AIDS Walk Austin
- Organized charity events, fundraisers, and meetings, etc.

Supporting Women in Geography and GIS (SWIGGIS), Austin, TX May 2018

Volunteer

- Assisted leaders in program to encourage underprivileged female middle-school students to pursue science

President's Honor Award

May 2018, May 2019

Austin Community College

- For maintaining a 4.0/4.0 GPA

Exemplary Leader Award

May 2018

Austin Community College

- Awarded to students focused on enhancing leadership skills through Student Life

NON-ACADEMIC WORK EXPERIENCE

Arranging It All, Austin, TX June 2021-Aug 2021

Professional Organizer

- Streamlined efficiency for both homes and businesses by organizing items

Med Physique Center for Aesthetics, Austin, TX

Dec 2019-Feb 2019

Financial Analyst

- Analyzed company records and competitors to reach more competitive price points
- Developed new filing system and introduced new record keeping protocol

Instacart, Round Rock, TX

May 2019 – Aug 2019

In-Store Shopper

- Found time-saving routes to shop for online consumers
- Maintained friendly communication with customers while shopping