

LUKE BALLANTINE BENNETT

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OBJECTIVE:

Position to apply technical knowledge and analytical skills to solve problems

EDUCATION

- **Kansas State University** | Graduate Work | Analysis and Applied Math Aug 2022 - May 2023
- **University of Texas at Dallas** | Bachelor's of Science in Mathematics Jan 2019 - Aug 2022
- **Collin College** | Core Curriculum Jan 2017 - Dec 2018

PROJECTS

- **Python** Summer 2023
Self-taught through problems from Linear algebra, LeetCode, and Project Euler
- **Methods of Applied Math** Spring 2022
Fundamental subspaces of a matrix such as null space, range
Differential equations application. Plotted finite Fourier series
- **Data Analysis** Fall 2021
Cleaned, analyzed data. Created well rendered visualizations using ggplot2
- **Numerical Analysis** Fall 2019
Machine error. Data interpolation. Numerical differentiation, integration

PROGRAMMING LANGUAGES

- Maintains proficiency with **Python**, **MATLAB**, and **R** - view user lukebr100's repositories on GitHub

WORK EXPERIENCE

- **Teacher | Sylvan Learning** Oct 2023 - Present
 - Assists students at a maximum 3:1 student teacher ratio on either Sylvan curriculum or homework support
 - Provides feedback based on effort to the director every session
 - Maintains a workspace conducive to learning constantly
- **Graduate Teaching Assistant | Kansas State University** Aug 2022 - May 2023
 - Performed recitation sessions for trigonometry, integral calculus twice weekly
 - Proctored and graded exams several times per semester
 - Provided students with availability, office and tutoring center hours six hours weekly
- **Peer Leader | University of Texas at Dallas** Aug 2019 - Aug 2022
 - Tutored university sophomore level math in drop-in individual and group setting between 12 and 20 hours a week
 - Created, recorded virtual presentations for exam, weekly reviews several times per semester, in between semesters
 - Attended training concerning maximizing academic success several times per semester
- **Student Assistant | Collin College** Oct 2017 - Aug 2018
 - Tutored students with a wide range of academic ability 10 hours a week
 - Transferred programs, updated software on Texas Instruments TI-83,4 calculators for students as needed.
 - Attended the the front desk, checking out textbooks 10 hours a week

AWARDS

- **UT Dallas & Phi Theta Kappa Transfer Scholarship** Spring 2019
Collin College $\xrightarrow{\text{transfer}}$ UT Dallas with GPA $\in [3.5, 3.74]$, credit hours $\in [30, 90]$ hours
- **Collin College integration competition winner** Spring 2018
First place at Collin College sophomore level math competition

SKILLS

- Fast at hand written computation, logic, problem solving
- Skilled at presenting solutions of a problem to a diverse audience
- Contra-prosopagnosia: Possesses keen ability to recognize a person from their facial features, "super recognizer"