

Dylan Fischer

Contact information removed for security reasons

Bachelor of Science in Mathematics, Data Science

The University of Texas at Dallas, Richardson, TX

May 2028

GPA 3.97

SUMMARY

Math and data science student with knowledge and experience in research-minded coding and statistical analysis. Skilled in Python and R, with a passion for applying mathematical concepts to computational sciences.

SKILLS

Languages

MatLab, Python (numpy, pandas), C++, R

Tools and techniques

Data Cleaning and Analysis, GitHub

WORK EXPERIENCE

Neurobiology of Basal Ganglia Lab, Lab Member

September 2025 – Present

- Statistically analyze output data from an unsupervised behavioral clustering algorithm for patterns and discrepancies
- Rewrite Python code in the clustering algorithm pipeline to facilitate analysis of particular outputs
- Coordinate with other teams to answer research questions using motion data from experiments

Mathnasium, Lead Instructor

October 2021 – August 2024

- Taught math through AP Calculus BC and communicated benchmark information to parents

ACADEMIC EXPERIENCE

- Used Matlab and R to examine relationships within and visualize large datasets

ORGANIZATIONS

Baptist Student Ministry – Treasurer

Hobson Wildenthal Honors College

AWARDS

Dean's List

Fall 2024

National Merit Scholarship, TI Junkins Scholarship

Fall 2024

Academic Excellence Scholarship

Spring 2024