

# 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