

## Summary

Recent data science graduate with experience in biology looking to create a solid foundation in real-world working environments. Comfortable and experienced in python and the sk-learn environment, SQL, matlab, R, and other machine learning tools. Also comfortable in cloud computing and learning new languages. Excellent at logical and math-centric issues. Highly motivated to develop new skills and reinforce current knowledge.

## Education

- BS** **Baylor University**, Data Science August 2021 – May 2025
- Biology Minor
  - **Relevant Coursework:** Machine Learning, Data Structures & Algorithms, Big Data, Cloud Computing, Data Visualization, Statistics & Probability, Database, Comp Methods in Statistics, Analytics for ML, Cybersecurity
- MS** **Georgia Institute of Technology**, Computer Science - Machine Learning Starting Fall 2025
- Pursuing Online Degree

## Experience

- Fidelity Investments**, Data Engineer Intern Westlake, TX Summer 2024 Full-Time
- Created internal application to distribute team's workload by reducing incoming direct requests to access snowflake metadata
  - Created internal application to view and create role hierarchies for all data teams using snowflake and python
  - Used data visualization tools like PowerBI to visualize and present findings, and to maintain a limited dashboard for non-privileged viewers to access

## Academic Research

- A Comparative Analysis of K-Nearest Neighbors Performance: Mojo vs. Scikit-learn** May 2025  
*Sumanth Kolli*, CJ Wu  
DOI LINK TBD [🔗](#) (submitted and awaiting official publication)
- A Meta-Analytic Approach to Understanding Alcohol Use Disorder in Non-Human Primates: Integrating Biomarkers Across All Cohorts in the Monkey Alcohol Tissue Research Resource** May 2025  
Andres Alvarez, Will Delano, Alex R. Garcia, *Sumanth Kolli*, Siri Kothapalli, Mia Schulze  
DOI LINK TBD [🔗](#) (submitted and awaiting official publication)

## Projects

- Mojave Region Invasive Grass Time Series Analysis** [github](#) [paper](#)
- An analysis on invasive species Bromus Rubens in the Mojave region, presented at Baylor's Data Science Conference in 2023. Created using data from NOAA, USDAFS, and data.gov.
- Customs Database Bot for League of Legends Customs Games** [github](#)
- A discord bot and standalone application that takes screenshots of league of legends customs games and outputs formatted, API-readable data to a database.
  - Tools Used: Python (TensorFlow, Tesseract OCR), MongoDB
- Project Portfolio** [github](#)
- Check out some of my other projects here!