# Tishi Avvaru

Los Angeles, CA / St. Louis, MO • (636) 515-6809 • tishitha@g.ucla.edu

Statistics and Data Science student passionate about leveraging the intersection of data and the humanities to drive impactful solutions. Skilled in Python, R, and data visualization, with a strong foundation in machine learning, data analysis, and project management. Currently pursuing a B.S. in Statistics and Data Science, along with Minors in Ancient Near Eastern Studies and History at UCLA with an expected graduation date in December 2025

## EDUCATION

**University of California, Los Angeles**                                         **Los Angeles**
*B.S., Statistics and Data Science & Minors in History and Ancient Near Eastern Studies*     **Expected December 2025**

- <u>Activities</u>: Producer and Technical Leadership for Lapu the Coyote that Cares Theater Company, UCLA Go Club Admin
- <u>Relevant Coursework</u>: Intro to Programming with C++ (10A), Single and Multivariable Calculus (31A, 31B, 32A, 32B), Intro to Data Science (15), Linear Algebra (33A), Programming with R (20), Intro to Probability and Statistics 1 (170E), Intro to Data Analysis and Regression (101A), Introduction to Mathematical Statistics (100B), Introduction to Design and Analysis of Experiment (101B), Intro to Statistical Models and Data Mining (101C), Linear Models (100C), Intro to Computational Statistics (102a), Statistical Consulting (140xp)

**Francis Howell High School**                                         **St. Charles, MO**
*High School Diploma - Summa Cum Laude*                                    **2018 - 2022**

- <u>Activities</u>: President of Model U.N., Sound Crewhead for FHHS Drama Club, Honor Thespian, Lincoln-Douglas Chair for FHHS Debate, Student Member of Mu Alpha Theta, National Honor Society, FHHS Art History Club

## SKILLS AND PROJECTS

- **Programming Skills**
  - <u>Python</u>**:** Used in Machine Learning projects, including ***Image Classification with Galaxy Zoo*** and ***Sentiment Analysis on IMDB Reviews***.
  - <u>R</u> and <u>RStudio</u>**:** Applied in several data analysis and visualization projects, including ***Analyzing McDonald's Nutrition in R***, ***Multiple Linear Regression Analysis of GDP Against Economic Indicators***, and ***The Effects of Acute Cardiovascular Exercise on Memory using RCBD***.
  - <u>C++</u> and <u>Java</u>**:** learned through coursework
- **Data Analysis and Visualization, Machine Learning, Google Workspace, Microsoft Office**
- **Project Management**
  - Proficient in managing, organizing, and executing projects from start to finish
- **IT and Technical Support**
- **Soft Skills**
  - Communication, problem solving, time management, attention to detail, leadership.
- **Proficient in ASL (American Sign Language)**

## PROFESSIONAL/RELEVANT EXPERIENCE

**Engineering IV, University of California, Los Angeles**                         **Los Angeles**
*Graduate Electrical and Computer Engineering HR and Student Services*        **October 2022 - Present**

- Managed data entry and compiled information to support departmental needs using various academic databases, ensuring ensuring 98% accuracy in academic database updates and compliance with departmental standards.
- Navigated various academic databases to gather, verify, and update critical department information.
- Utilized organizational and analytical skills to streamline internal communications, and optimize the handling of departmental data in order to contribute to improved decision-making, operations, and data accessibility.

**Hammer Museum**                                         **Los Angeles**
*IT Student Assistant*                                    **January 2024 - Present**

- Provided real-time on-site support regarding software and hardware issues, resolving 95% of issues within the first hour.
- Ensured optimal functionality and seamless efficiency for museum employees, exhibits, and interactive installations.

**Lapu, the Coyote that Cares Theatre Company**                         **Los Angeles**
*Producer*                                              **June 2024 - Present**

- Orchestrated 3 large productions among numerous small events and led end-to-end project execution, managing multiple teams to ensure seamless execution of performances.
- Oversaw budgeting, scheduling, and resource allocation alongside coordinating effective workflow across cross-functional creative, technical, and administrative teams, improving project timelines by 20%.

**Simply Math and Reading**                                         **Manchester, MO**
*Tutor/Grader*                     **February 2020 - September 2022, December 2022**

- Tutored students of varying ages in a range of mathematical disciplines, from foundational concepts to college-level algebra.
- Conducted thorough grading of assignments and exams, ensuring timely updates to the gradebook to reflect student progress.

**Civitas STL**                                         **Creve Coeur, MO**
*Intern*                                              **June - August 2021**

- Analyzed and presented political observations from locally collected data using various data visualization techniques, contributing to the development of actionable insights relating to local politics.
- Collaborated on content creation and journalism for the Civitas STL website.