

Maya Whitfield

Aspiring Data Analyst | Rising Junior, B.S. Statistics

✉ maya.whitfield@nimbusmail.com | 📞 (415) 555-0182 | 📍 Berkeley, CA | 🔗 linkedin.com/in/mayawhitfield | 🌐 github.com/mwhitfield

Detail-oriented Statistics undergraduate with hands-on experience turning messy datasets into clear, decision-ready insights through coursework, independent projects, and campus leadership. Comfortable in Python, R, and SQL; skilled at translating quantitative findings for non-technical audiences. Seeking a Summer 2027 data or business analytics internship.

Education

University of California, Nimbus Bay

Expected May 2027

B.S. in Statistics, Minor in Economics | GPA: 3.81/4.00

- Dean's List: Fall 2024, Spring 2025, Fall 2025
- Relevant Coursework:** Probability & Statistical Inference, Regression Analysis, Data Structures & Algorithms, Applied Machine Learning, Database Systems (SQL), Microeconomic Theory, Experimental Design
- Recipient, Meridian Foundation Merit Scholarship (renewable, top 5% of incoming class)

Academic & Independent Projects

Retail Demand Forecasting Model

Sept 2025 – Dec 2025

Course Capstone, Applied Machine Learning

- Built a gradient-boosted forecasting model in Python (scikit-learn, pandas) on 3 years of synthetic Nexa Retail sales data, reducing mean absolute percentage error from 22% to 11% versus the course baseline
- Engineered 14 seasonal and promotional features; validated with rolling-origin cross-validation across 6 product categories
- Presented findings to a 40-person lecture section; report ranked top 3 of 28 submissions

Campus Transit Delay Analysis

Feb 2025 – May 2025

Independent Project (self-directed)

- Scraped and cleaned 180,000+ public transit timestamp records with Python; stored results in PostgreSQL and ran hypothesis tests isolating weather as the strongest delay predictor
- Built an interactive Tableau dashboard that informed a shuttle schedule proposal to campus facilities

Student Sentiment Survey – Vertex Dining Services

Sept 2024 – Nov 2024

Statistics Dept. Research Assistant Project

- Designed and fielded a stratified-sample survey (n=612); applied chi-square and ANOVA tests in R to identify satisfaction drivers, adopted by Dining Services for menu planning

Skills

Languages & Tools

Python R SQL Excel Tableau Git

Analytical Methods

Regression Hypothesis Testing A/B Testing Data Cleaning Forecasting

Core Strengths

Data Storytelling Attention to Detail Cross-team Collaboration Public Speaking

Leadership & Volunteering

Treasurer, Nimbus Bay Data Science Club

Jan 2025 – Present

Student Organization, 85+ members

- Manage a \$4,200 annual budget across workshops, a spring hackathon, and speaker events; introduced a shared expense tracker that cut reimbursement turnaround from 3 weeks to 4 days
- Co-teach a monthly Python-for-beginners workshop series to 30+ first-year attendees

Volunteer Tutor, Apex Community Learning Center

Sept 2024 – Present

Weekly, 3 hrs/week

- Tutor high school students in algebra and introductory statistics; 100% of regularly attending students improved at least one letter grade over a semester

Certifications & Honors

🌟 Synapse Analytics – SQL for Data Analysis (Certificate)

🌟 Nexa Data Analytics Professional Certificate

🏆 2nd Place, Nimbus Bay Spring Datathon (team of 4)

🏆 Meridian Foundation Merit Scholarship, 2024–2027