

JOSEPH NAGOOTHU

Current Graduate Student – **Business Analytics, Pepperdine University (Expected Spring 2026) Malibu, CA |**
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Education

Bachelor of Science in Biology - *California State University, Long Beach* — Long Beach, CA

Graduated: May 2025

Professional Summary

Results-driven business analytics graduate student with a Bachelor's degree in Biology and a strong foundation in data analysis. Currently pursuing a Master of Science in Business Analytics at Pepperdine University, leveraging a passion for technology, analytics, and cloud-based solutions. Transitioned from a pre-medical track to data analytics, completing multiple online training programs and earning both the Python PCEP certification and Google Cloud Data Analytics Certificate. Demonstrates proficiency in statistical analysis, data visualization, and business intelligence tools. Proven leadership and team coordination skills through roles at California State University, Long Beach and the COPE Health Scholars Program, with experience training and mentoring peers in dynamic, service-oriented environments. Combines scientific knowledge, analytical problem-solving, and business acumen to drive data-informed decision-making in fast-paced organizational settings.

Academic Projects – Population Ecology & Biostatistics Analysis – California State University, Long Beach

- Organized and cleaned a dataset on rhesus monkeys, tracking offspring outcomes and environmental/adversity factors (e.g., first-time mothers, hurricanes); Conducted statistical analyses in R Studio, producing tables and visualizations to evaluate the impact of maternal experience and environmental stressors on juvenile survival.

Statistical Decision Analysis | Pepperdine University

- Analyzed real company datasets in SPSS and Excel to evaluate business proposals and recommend data-driven improvements using descriptive and inferential statistics.

Certifications

- Google Cloud Data Analytics Certificate
- PCEP - Certified Entry-Level Python Programmer

Technical Skills and Tools

Programming & Analytics

- Data Analysis & Visualization
- Business Strategy & Problem Solving
- Team Collaboration & Project Management
- Excel and PowerPoint
- SQL, Python, R, SBSS
- Tableau (data visualization and dashboard creation)

Cloud Technologies

- Cloud computing concepts: compute, storage, and security
- Associate-level knowledge of AWS, Azure, and Google Cloud Platform (GCP)

Productivity & Operating Systems

- Microsoft Office Suite (Excel, Word, PowerPoint, Projects)

Work History

Rock Wall Attendant, 01/2024 – 11/2024 - California State University — Long Beach, USA

- Provided hands-on instruction and safety guidance to students, enhancing their climbing skills and building confidence through structured rock-climbing sessions. Led and coordinated multiple outdoor trips, managing logistics, ensuring participant safety, and fostering team building among diverse student groups.

Leadership Team Member/Health Scholar, 08/2023 – 08/2024 - COPE Health Scholars Program — Anaheim, USA

- Spearheaded onboarding and training events for incoming health scholars, improving readiness and retention through structured orientations and ongoing support. Monitored and logged volunteer hours, producing accurate performance metrics to aid program evaluations.