

Manuela Lozano

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Summary

Analytical Statistics & Data Science and Economics dual-degree candidate with experience in R, Python, SQL, AWS Quicksight, and Tableau. Combines strong quantitative skills with business acumen to deliver data-driven insights. Seeking to apply machine learning and statistical analysis expertise in a dynamic Analytics or Data Science role.

Education

University of California, Los Angeles (UCLA)

Bachelor of Arts in Statistics & Data Science and Economics

Expected June 2026

Cumulative GPA: 3.5 / 4.0

Honors: ALD|PES Honor Society, National Honor Society, Dean's List

Relevant Coursework: Statistical Computing (R, Python), Linear Models, Probability & Statistics, Econometrics, Data Mining, Pattern Recognition and Machine Learning, Statistical Consulting, Experimental Design, Forecasting, Monte Carlo Methods, Computation and Optimization

Academic Accomplishments

ALD|PES Honor Society (2023 – present)

Scholarships and Grants: Jo-Bell Wolf (2023–2024), UCLA Non-Resident (2023–2025), Jean C. Cook (2022–2026), UC Bruin Success (2022–2026)

Internship Experience

BUSINESS INTELLIGENCE ENGINEER INTERN

Amazon Web Services (AWS) – Seattle, WA

June 2025 – September 2025

Developed data analytics solutions in Python and AWS Quicksight, including a machine learning forecasting model that improved resource allocation for security teams.

Engineered automated dashboard solutions that reduced manual review time and enabled real-time monitoring of team performance metrics.

Designed cross-platform dashboards integrating multiple data sources to streamline compliance tracking for critical AWS initiatives.

DATA ANALYST INTERN

Insights Investments – Bogotá, Colombia (Remote)

June 2024 – June 2025; September 2025 – present

Insights is a fintech investment advisory company that uses cutting-edge technology to provide seamless access to global financial markets for Latin American clients.

Led comprehensive data analytics using advanced spreadsheet modeling to evaluate performance metrics and enhance growth strategies across multiple product lines.

Spearheaded weekly cross-functional meetings to analyze marketing analytics and implement data-driven optimization initiatives.

Designed and implemented system dynamics models to forecast growth trajectories and identify key performance drivers.

Developed and presented strategic growth reports to stakeholders, tracking KPIs and ensuring alignment with corporate objectives across diverse product portfolios.

Developed an AI agent to boost customer engagement and funding, contributing to increased revenue.

DATA ANALYST INTERN

IDT International (IDT Corporation) – Newark, NJ

June 2024 – August 2024

IDT Corporation is a telecommunications and payment services company that provides international long-distance calling, VoIP solutions, and financial transaction processing.

Built predictive analytics models and interactive Tableau dashboards to support data-driven decision making.

Architected and optimized data enhancement protocols to improve database integrity and operational efficiency.

Applied advanced SQL programming while collaborating with cross-functional teams to deliver high-impact analytics solutions.

Work Experience

STUDENT WORKER

UCLA Records Management – Los Angeles, CA

Fall 2022 – Spring 2024

Managed database operations and invoice processing for the university records department.

Streamlined data entry workflows, reducing processing time by approximately 30%.

Collaborated with team members to maintain accurate documentation and reporting systems.

RESIDENT ASSISTANT

UCLA Residential Life – Los Angeles, CA

Academic Years 2024–2025, 2025–2026

Mentor and support 100+ residents while fostering an inclusive residential community.

Coordinate educational programming and community-building initiatives.

Handle crisis management and conflict resolution among a diverse student population.

Maintain detailed documentation of incidents and community events.

Technical Skills

Programming & Databases: R (Advanced), Python (Proficient), C++ (Basic), SQL (Advanced)

Data Visualization: Tableau, AWS Quicksight, Redash

Analytics & Tools: Microsoft Excel, Google Analytics

Leadership & Activities

President, Latin American Student Organization (LASO)

Internal Lead, Engineers Without Borders (EWB)

Member, Bruins Women in Business (BWB)

Languages

English (Native)

Spanish (Native)