

Jillian Dessim

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PROFESSIONAL SUMMARY

Data-driven UCLA Statistics & Data Science student with experience in predictive modeling, Excel-based financial analysis, and large-scale data processing. Skilled in Python, R, and scenario modeling with exposure to actuarial pricing, cost analysis, and risk evaluation.

EDUCATION

University of California at Los Angeles — College of Letters and Science
Bachelor of Science | Majors in Statistics and Data Science, Climate Science

Los Angeles, California
June 2026

GPA: 3.54/4.00

Relevant Coursework: Data Analysis and Regression, Statistical Programming in R, Computational Statistics with R, Statistical Models and Data Mining, Optimization for Statistics, Probability, Climate Modeling

ACTUARIAL EXAMS

Exam FM — Sitting

February 2026

TECHNICAL SKILLS

Excel: PivotTables, VLOOKUP/XLOOKUP

Programming: R (tidyverse, ggplot2), Python (NumPy, pandas)

Analytics: Predictive modeling, Data Cleaning, Exploratory Analysis

RESEARCH & DATA ANALYTICS EXPERIENCE

Casualty Actuarial Society Student Central Summer Program

June 2025 - August 2025

Completed a six-week actuarial program on pricing, reserving, predictive modeling, and insurance analytics

Built Excel-based models involving trend analysis and scenario forecasting

Applied statistical and actuarial techniques to real-world case studies, connecting analytics to business decisions

UCLA Department of Atmospheric and Oceanic Sciences

September 2024 - December 2024

Built Python simulation models to analyze precipitation and cyclone behavior, applying statistical methods to relevant risk assessment

Cleaned, merged, and analyzed large climate datasets to identify frequency and severity patterns in extreme events

UCLA Department of Atmospheric and Oceanic Sciences

March 2024 - June 2024

Processed, analyzed, and visualized large NOAA climate datasets using Python (pandas, NumPy, matplotlib)

Identified statistical relationships between temperature anomalies and climate behavior using regression and exploratory analysis