

Lucy Borkowski

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Employment

LoanCore Capital

Commercial Real Estate Finance Intern

Los Angeles, CA

Jun 2025 – Aug 2025

Analyzed risk on commercial real estate loans using financial, market, and property-level datasets.

Supported underwriting and due diligence through borrower financial analysis and cash-flow evaluation.

Built Excel-based financial models to forecast loan performance and stress-test assumptions.

Conducted market research and comparable-property analysis to inform lending decisions.

Meals on Wheels

Director's Office Intern

Raleigh, NC

Aug 2021 – Jun 2022

Streamlined administrative workflows and managed key documents for the Director.

Completed time-sensitive tasks with high accuracy and attention to detail.

Coordinated program logistics across multiple teams.

NC State University Club

Guest Services / Snack Bar Employee

Raleigh, NC

Summer 2021

Delivered high-quality customer service in a fast-paced environment.

Managed transactions, inventory, and food-service operations efficiently.

Education

University of California, Los Angeles (UCLA)

B.S. Statistics & Data Science

Anticipated 2026

GPA: 3.7 / 4.0

Relevant Coursework:

PIC 10A (C++ Programming); Stats 10, 20 (R Programming & Statistical Reasoning);
Stats 100A (Probability); Stats 100B (Mathematical Statistics); Stats 100C (Linear Models) Stats 101A (Regression & Data Analysis); 101B (Design and Analysis); Stats 101C (Statistical Models and Data Mining) Stats 102A (Computational Statistics with R); Stats 102B (Computation and Optimization); Stats 102C (Monte Carlo Methods)
Stats 140XP (Statistical Consulting)

Activities & Leadership:

- Bruin Belles Service Association — PR Director; Banquet & Fundraising Committees
- BruinXR — Head of Outreach (Cybersecurity & Extended Reality Initiative)
- IES Abroad Barcelona (Fall 2024) — Intermediate Spanish proficiency

Needham Broughton High School**Diploma, IB & AP Curriculum****Jun 2022**

GPA: 4.5 / 4.0 — Rank: Top 10 / 400 — ACT: 34

Varsity Women's Soccer

International Bachelorette Program

Academy of Hospitality, Tourism, and Sports Marketing Program

Student Government Program

Projects**Statistical Modeling & Data Mining (Stats 101C)**

Built predictive models using tree-based methods, generalized additive models, and ensemble techniques.

Evaluated model performance with cross-validation, tuning, and regularization workflows.

Conducted feature engineering and implemented data-mining pipelines in R.

Regression & Design of Experiments (Stats 101A/B)

Developed linear and multiple regression models to analyze real-world datasets.

Performed experimental design, ANOVA, and hypothesis testing for structured studies.

Used diagnostics and resampling methods to evaluate model fit and stability.

Computational Statistics & Simulation (Stats 102A/B/C)

Built efficient R-based computational workflows using vectorization and algorithmic optimization.

Implemented gradient-based optimization and EM-style algorithms (102B).

Developed Monte Carlo simulations, importance sampling routines, and MCMC procedures (102C).

Statistical Consulting Practicum (Stats 140XP)

Managed real datasets, performed exploratory analysis, and delivered interpretable results.

Communicated findings through reports and presentations.