

Ruben Jimenez

390 Islay St, San Luis Obispo CA 93401

☎ (619) 874-0307 | ✉ rjimen25@calpoly.edu | 🏠 rjimenezdata.github.io | 💻 github.com/rjimenezdata | 🔗 linkedin.com/in/rjimenezanalytics

OBJECTIVE

Results-oriented statistics student, part-time worker, and previous research assistant with strong foundations in statistical programming and financial analysis. Scheduled for SOA Exam FM in August 2025. Seeking an actuarial internship having completed SOA Exam P.

EDUCATION

California Polytechnic State University - San Luis Obispo

San Luis Obispo, CA

Bachelor of Science, **Statistics**, expected June 2025

Sept 2021 - Current

- GPA 3.2, Dean's List W22, F23, F24
- Minor: Actuarial Preparation
- Cal Poly STAT Club President, previously Treasurer

Relevant Coursework:

Computer	Statistical Computing with R, Statistical Computing with SAS, Statistical Learning with R, Introduction to Data Science
Statistics	Applied Linear Models, Introduction to & Intermediate Design of Experiments, Statistical Communication, Probability Theory, Estimation and Sampling Theory, Mathematical Statistics, Multilevel and Mixed Modeling, Applied Multivariate Statistics
Finance	Introduction to Financial Accounting, Fundamentals of Corporate Finance, Security Analysis and Portfolio Management, Introduction to Futures and Options

SKILLS

Computer	R, tidyverse, tidymodels, Markdown, JMP, SAS, Tableau, Python, Pandas, scikit-learn, Excel, Version control, Machine learning algorithms, Predictive modeling for regression & classification.
Statistics	Data analysis, Mathematical statistics, Probability theory, Study design, Technical report writing, Statistical programming.
Finance	Financial reporting, Capital budgeting, Cash flows valuation, Risk assessment, Portfolio management, Derivatives pricing.

PROJECTS

UltraCondor ETF Financial Product Proposal

San Luis Obispo, CA

BUS 442: Introduction to Futures and Options

Mar 2025

- A collaborative project constructing & presenting a financial product tailored specifically to CalPERS' investment principles.
- Achieved 15% higher annualized monthly returns than market average (SPY) during backtesting.
- **Technical Skills:** Excel, Data collection, Data analysis, Powerpoint, Portfolio construction, Derivatives pricing.
- **Soft Skills:** Critical thinking, Creative problem solving, Teamwork, Communication.

Diabetes and Pancreas Transplant Waitlist Mortality Prediction

San Luis Obispo, CA

STAT 551: Statistical Learning with R

Dec 2024

- A collaborative project exploring statistical learning models to predict whether someone has diabetes or not from survey questions, as well as mortality for patients on pancreas transplant waitlists from partially redacted clinical data.
- Classified 86% of true diabetes patients and predicted patient mortality with 80% accuracy.
- **Technical Skills:** R (tidyverse, tidymodels libraries), Powerpoint, Classification modeling, Data cleaning.
- **Soft Skills:** Communication, Teamwork, Efficiency, Leadership.

WORK EXPERIENCE

Cal Poly Experience Industry Management Department

San Luis Obispo, CA

Student Research Assistant

Dec 2024 - February 2025

- Predict Leave No Trace and New Ecological Paradigm scale scores using linear regression for Pacific Crest Trail hikers
- Interpret model results in a mixed-method context
- **Skills:** R (tidyverse library), Predictive modeling, Technical report writing, Communication

Cal Poly Statistics Department

San Luis Obispo, CA

Instructional Student Assistant

Dec 2023 - Dec 2024

- Spend 5+ hours weekly for more than 40 students evaluating their understanding of course objectives.
- Deliver graded assignments with feedback before the given deadlines.
- **Skills:** Communication, Efficiency, Precision, Decision making.

References available upon request.