Rory Freck

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EDUCATION

University of California, Los Angeles **Westwood, California**
Bachelor of Science in Statistics and Data Science | GPA: 3.83 *Expected: June 2025*

- **Relevant Coursework:** Applied Numerical Methods, Linear Models, Programming with R, Single and Multivariate Calculus, Linear Algebra, Differential Equations, Probability, Mathematical Statistics, Data Mining

WORK EXPERIENCE

Stanford **Palo Alto, California**
Data Analyst Intern *June 2024 - August 2024*

- Developed interactive Tableau dashboards using query language, VizQL, data preprocessing and integration, and time-series analysis to track hiring trends and open requisitions, contributing to recruiting improvement.
- Integrated large datasets using criteria joins, data scaffolding to fill missing data points, and calculated fields, including many Level of Detail (LOD) expressions, enabling dynamic, real-time reporting for HR leadership.
- Created an employee recognition webpage using Drupal, making custom CSS changes to enhance the design and functionality. The page connects to other sections celebrating Stanford employees and their accomplishments.
- Presented data-driven insights to senior HR management and intern peers through a professional presentation, translating my summer project into actionable business strategies; my work continues to be used for tracking data.

Stony Apparel Corp. **Los Angeles, California**
Sales Intern *November 2021 – June 2022*

- Led two internal audits with 100% accuracy using software called LaunchPad, verifying apparel information to ensure correct product manufacturing data and successfully preventing a potential $5,000 compliance fee.
- Coordinated client orders and maintained direct communication with account holders from Wild Fable, Art Class, Walmart, and Fred Meyer, overseeing the distribution of 200+ product samples for advertising campaigns.

Projects

Mental Health Risk Analysis | *Coded in R*

- Explored depression risk factors using the NHIS dataset containing a myriad of factors with statistical models like Random Forest and Logistic Regression in R, checking accuracy with cross validation tests, and formulating policy solutions that fixate on financial stability, reducing discrimination, and improving mental healthcare access.

NBA Game Outcome Prediction | *Coded in Python*

- Predicted NBA wins and losses by employing machine learning models such as Logistic Regression, Random Forest, and QDA. Performed data preprocessing, feature engineering, and model evaluation, achieving a 70.2% prediction accuracy with Logistic Regression and an L2 penalty through feature selection and model tuning.

Skills and Interests

Skills: C++, Python, R, Tableau, Drupal, Data Cleaning, Statistical Modeling, Machine Learning, Data Storytelling, PowerPoint, Excel, Data Integration, Dashboard Design, Communication, Client-Facing Roles, Attention to Detail, Analytical Thinking, Problem-Solving, Teaching, Presenting, Team Collaboration, Organization, Project Management
Interests: Data Analysis, Finance, Accounting, Cooking, Baseball, Football, Poker, Machine Learning, Reading, Math