

# Dulce Rodriguez

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dulcerodriguez3.github.io/

## Summary of Qualifications

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- Results-driven Analyst with a strong ability to build relationships with peers and stakeholders.
- Skilled in statistical analysis, data cleaning, and presenting insights clearly and concisely.
- Proficient in Python, R Studio, SQL, Tableau, Excel, and SAS Studio, applying technical skills for data analysis.
- Outstanding organizational, multitasking, and problem-solving abilities, focused on achieving goals.

## WORK EXPERIENCE

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**UBS Investment Bank - Santa Barbara, CA**

*January 2025 - Current*

### **Analyst Intern**

- Collaborate with Financial Advisors to perform in-depth market research and quantitative analysis, uncovering key trends to inform investment strategies.
- Provide data-driven market commentary and insights to support evidence-based client recommendations.
- Prepare and rigorously review research reports with a focus on statistical analysis for team discussions.
- Present sector-specific research and data-backed investment ideas to the team, highlighting potential growth opportunities.
- Maintain and analyze detailed performance spreadsheets for High Net Worth clients, using advanced statistical methods to identify trends and optimize portfolios.
- Develop and implement predictive models to forecast market trends and assess risk, enhancing the team's strategic decision-making process.

**UC Santa Barbara Athletics - Santa Barbara, CA**

*May 2024 - December 2024*

### **Division I UCSB Men's Soccer Performance Data Analyst Intern**

- Delivered data and video insights to support coaching strategies and improve performance.
- Used Wyscout, Hudl, Adobe, and R Studio for in-depth post-match analysis and statistical reviews.
- Created visualizations and presentations to communicate metrics and performance trends to the coaching staff.
- Coordinated with coaches to set and track team and individual performance goals.
- Analyzed opponent strategies and developed detailed scouting reports.
- Edited and tagged video to highlight key moments, contributing to tactical planning discussions.

**The Club and Guest House - Santa Barbara, CA**

*May 2023 - Current*

### **Guest Service Associate**

- Welcomed guests, managed check-in processes, and provided information on amenities and services.
- Assigned rooms and ensured accurate key programming.
- Addressed guest inquiries, concerns, and complaints professionally to maintain satisfaction.

- Processed payments, check-outs, and resolved billing discrepancies for seamless transactions.

**Valley Strong Credit Union - Bakersfield, CA**

*August 2019 - Aug 2021*

**Member Service Representative - Internship**

- Processed financial transactions, handled cash and checks, and supported members with financial needs.
- Built strong relationships with members, fostering a positive, organized environment.
- Gained knowledge of Valley Strong's products and services, as well as credit reports and FICO scores.
- Completed 25+ banking courses, enhancing knowledge of banking policies and customer service best practices.

## EDUCATION

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**University of California Santa Barbara - Santa Barbara, California**

Bachelor of Science - Statistics and Data Science

*Expected Graduation - June 2025*

- **HaU Organization**  
Participating in and organizing academic, community service, and social events/workshops.
- **PALiSaDS Scholar**  
NSF Scholarships in Science, Technology, Engineering, and Mathematics Program:  
Participating in professional development initiatives to enhance skills and knowledge in STEM and workforce.
- **Technology Management Program**  
Certificate for Technology Management in progress: gaining skills to effectively navigate the rapidly evolving tech industry while aligning technology with business goals; Ultimately maximizing efficiency and competitiveness in today's market.
- **Directed Reading Program (Math Research)**  
Conducting research on elliptic curves over number fields, focusing on their parity and other invariants. Utilizing machine learning and data analysis techniques to create new invariants and explore mathematical data. Collaborating with a graduate mentor to study elliptic curves over rationals, with findings presented through a report and poster session.

## HONORS & PUBLICATIONS

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- **Published Author - UCSB**  
Starting Lines - Published January 2024
- **American Association for Advancement in Science (AAAS)**  
Member for AAAS, supporting global scientific advancement and interdisciplinary research.

## LANGUAGE COMPETENCIES

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- English: native language
- Spanish: fluent (speaking, reading, writing)