

Mario Miranda

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EDUCATION

University of California, Davis

Davis, CA

B.S. Statistics – Applied Statistics Track & B.A. Economics

Graduation Date: June 2024

Relevant Coursework: Statistical Data Science, Applied Time Series Analysis, Web Technologies for Data Analysis, Business Writing

PROFESSIONAL EXPERIENCE

PFM Financial Advisors LLC

San Francisco, CA

Financial Analyst

July 2024 – Present

- Developed and presented data-driven strategies for optimizing transaction structures, directly impacting client project feasibility.
- Designed and implemented capital financial models that align with clients' long-term strategic goals using time series forecasting.
- Utilized statistical and econometric models to perform quantitative analysis on large scale municipal and institutional projects.
- Automated data processing and financial scenario analysis using VBA and macro functions significantly improving assessments.

Bank of New York

San Francisco, CA

Securities Services Summer Analyst | Digital Assets Platform

June 2023 – August 2023

- Developed detailed system diagrams for cryptocurrency workflows, mapping out transaction processes to provide clear roadmaps.
- Led case study proposal of ESG standards into the fintech workflows, driving innovation and promoting sustainable practices.
- Actively participated in agile sprint cycle stand-up meetings via Jira & Teams, collaborating to prioritize and refine product features.
- Conducted comprehensive GAP analysis on wallet security, API & blockchain features from multiple vendors within digital assets.

University of California, Davis – School of Law

Davis, CA

IT Student Assistant

August 2022 – May 2023

- Maintained front-line technical support for faculty members with connectivity and synchronization issues within technologies used.
- Analyzed faculty-wide issues while documenting service requests via the ticketing system database to ensure prompt faculty service.
- Communicated effectively with stakeholders, addressing needs to enable a streamlined process for professor seminars & conferences.
- Evaluated risk severity within the ticketing system, prioritizing service disruption, sudden issues and operational difficulties.

The Home Depot

Madera, CA

Customer Service Associate

January 2021 – April 2022

- Leveraged sales experience to improve department operational efficiencies by 15% while providing interdepartmental assistance.
- Coordinated with backend teams to easily organize merchandise to resolve and manage will-call inventory order requests.
- Facilitated lumber department support to provide dependable service across an array of products and services physically sold.
- Provided additional support with on-floor training for recent hires, emphasizing department protocol process compliance.

INVOLVEMENTS & PROJECTS

AI Student Collective @ UC Davis

Davis, CA

Treasurer

Apr. 2023 – Apr. 2024

- Secured external funding totaling over \$3k for case competitions and AI symposium events serving underrepresented groups
- Managed the organization's financial resources while maintaining the proper coverage of quarter long expenses accrued

Latinos in Finance (LIF) – Membership Committee

San Francisco, CA

Front-End Developer Volunteer

Feb. 2024 – Present

- Enhanced the front-end interface for the LIF website, improving user experience and accessibility for 2,000+ professional members.
- Supported the integration of a CRM system into the site enabling committee members to utilize survey and membership data.

[Project] Fluent Docs – A Simple & Efficient AI-Powered Solution Helping Immigrants with Documentation

- Developed the front end of our model integration service that parses through PDFs and provides helpful insights.
- 4th place in Intel's Best Use of Intel Developer Cloud ranking of HackDavis' 167 teams & 598 participants.

SKILLS

Interpersonal Skills: Client Services, Time-Management, Communications, Cross-Functional Collaboration, Spanish (Native)

Technical Skills: SQL (BigQuery), Microsoft Excel (Data Analysis), Tableau Desktop, C++ (Data Structures & Algorithms)

Python (NumPy, Matplotlib & TensorFlow), R Programming (caret & tidyverse)

ADDITIONAL INFORMATION

Interests: Neuroanatomy, Philosophy, Business Law, Levantine Arabic (Beginner)

Favourite Books: Crime & Punishment, Principles: Life & Work, 30-Second Physics, Sapiens