Ian Sequeira

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https://github.com/taquito22

A motivated and detail-oriented aspiring Finance and Data Engineer with a strong foundation in statistical modeling, data analysis, and programming. Passionate about leveraging cutting-edge technologies and analytical expertise to drive innovation in tech, finance, and healthcare sectors while optimizing data efficiency and supporting strategic decision-making.

Education

The University of California, Santa Barbara   September 2023 - December 2026

B.A Economics and B.S Statistics & Data Science   *GPA: 3.85/4.0*

Relevant coursework: C.S Problem Solving 1/2*, Micro/Macro Econ, Differential & Vector Calculus
Stats/Prob in R&SQL, UCSD A.I Modeling and Machine Learning, Yale Financial Markets Course
Programming Languages: C++, R, SQL, Python, JavaScript, Git
Tools/Soft Skills: Microsoft Excel & Office Services, Economic Theory, Statistical Modeling

Oak Ridge High School   **El Dorado Hills, CA**
Relevant Coursework & Skills: Computer Science Track(Python, JavaScript, DB Design   2019 -2023
in SQL), AP Chem, Astronomy Club(VP), Spanish Honour Society

Work Experience

Alida Inc., *Student Intern Data Engineer*   **Remote**
                                                                     September 2024- Present

- Designed and deployed a generative AI-powered tool using Azure OpenAI and Databricks, optimizing clinical data retrieval processes by 15%.
- Collaborated with teams to integrate advanced analytics pipelines, improving overall data handling efficiency by leveraging machine learning workflows.

Projects

Financial Algorithm Development, Personal Project   **Santa Barbara, CA**

- Engineered proprietary trading algorithms in PineScript, enabling accurate trend predictions and achieving a 57% success rate in forecasting stock prices   January 2024 - June 2024

Telescope SQL Database, DB&SQL Class   **Oak Ridge High, CA**

- Designed and implemented a relational database schema for a telescope company using SQL, incorporating business logic for customer and management tracking.   January 2023 - May 2023

Finance Manager, Personal Project   **El Dorado Hills, CA**

- Managed a personal investment portfolio of $5,000, achieving a 93% ROI over two years through strategic diversification and value investing.   August 2021 - May 2023
- Used a risk mitigation framework by integrating bonds and ETFs, reducing market volatility impact by 20%.

Clubs & Certifications

Clubs: Finance Connection Club, Data Science Club, and Club Volleyball
Certifications: Bilingual(English & Spanish), Oracle DB&SQL Certification, CPR&AED
Certified