Nestor Navarrete

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Work Experience

Space Systems Command - Space Force **El Segundo, CA**
Operations Research Analyst *May 2024 – Present*

- Assisted in the development of cost estimates for use in the acquisition of space programs.
- Performed sensitivity analyses and Monte Carlo simulations to evaluate cost estimate uncertainty and support data-driven decision-making.
- Experienced cost analyst with skills in Co$tat Statistical analysis, ACEIT Cost Modeling Software, Microsoft Excel and Data Analytics.
- Developed a comprehensive Power BI dashboard to display all cost and schedule-related information for the entire portfolio of managed programs, enhancing visibility and decision-making across the organization.

COOP Careers - Data Analytics Apprentice *June 2024*

- Engaged in a 16-week apprenticeship program, acquiring expertise in data cleaning, transformation, analysis, and visualization using SQL, Python, and Tableau, alongside continuous professional development
- 200 hours of instruction time with a hands-on mastery of data tools, communication training, networking, and client work with actual companies
- *A highly selective program that admits underemployed college graduates from under resourced & marginalized communities.*

Technical Skills & Certifications

- **Certifications**: Google Analytics Professional Certificate (Coursera). UCSD Extension Python Programming Certificate
- **Programming Languages & Visualization**: Python, SQL, Excel (Pivot Table and Vlookup), Tableau, Java.

Projects

Bitcoin Price Forecasting Model(Python, Excel)

- Utilized Pandas, Seaborn, Scikit-Learn and Numpy libraries to extract, analyze, manipulate and visualize Bitcoin's daily prices from 2013-2022.
- Developed a multiple linear regression model to predict the daily price of Bitcoin using highly correlated variables.
- Evaluated my model using different loss functions such as RSE, MSE, and MAE, obtaining low metrics

Image Processing App(Python)

- Implemented different classes that modified, copied and stored images using object-oriented concepts in Python.
- Simulated a monetized app using inheritance, abstraction and polymorphism.
- Employed the K-nearest neighbor algorithm to predict whether an image corresponds to daytime or nighttime.

Education

University of California, San Diego
Bachelor of Science, Mathematics *June 2023*

- Relevant Coursework: Statistics, Combinatorics, Graph Theory, Data Science, Linear Algebra, Programming in Java, Real Analysis.

Awards: Hispanic Scholarship Fund scholarship recipient. Chula Vista Police Department scholarship recipient.

Interests: Blockchain Technology, Finance, MachineLearning/AI.