Jaime Luna

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Entry-Level Data Analytics Professional

EDUCATION

COOP Apprenticeship | Data Analytics   2/2023 - Present

- Developing skills in the analysis process with exercises in Excel (Pivot tables, VLOOKUP), SQL, R Programming, and Tableau for data cleaning, transformation, aggregation, and KPI insights.

University of California, Davis | Bachelor of Science in Applied Mathematics   12/2022

- Mathematics of Data Analytics - Ranking algorithms, classification, and optimization.
- Machine Learning - Polynomial Linear Regression, Logistic Regression, PCA, SVM-classification, K-means clustering, and Neural Networks in Python from scratch.

EXPERIENCE

Intern - Cell2Fire | Davis, CA   6/2021 **-** 5/2022

- Identified & solved a key issue in the output of a forest fire simulator by writing an appropriate Python script and debugging a Fortran program for syntactical errors to obtain better predictions.
- Created detailed instructions with images to access visualization tools in a html web-formatted document using Sphinx (Python documentation generator) to share with users.

Researcher - Hack for California | Davis, CA   9/2020 - 12/2020

- Arranged team meetings with the UC Davis Center for Regional Change to launch project for displacement data analysis in Central Valley communities attaining approval for project proposal.
- Accessed census data with API key to obtain demographics in census tracts within San Joaquin County to collect data necessary for the analysis.

Biomedical Research Intern - SFSU Bridges to Baccalaureate | San Francisco, CA   5/2018 - 8/2018

- Presented research findings at a poster symposium event with hundreds of attendees including university research professors and students, sharing in the development of important research topics.
- Performed experiments to test the effects of gene protein tags in cell signaling for potential cancer treatment insights as well as trials to test claims of PLE products protecting against UV radiation.
- Collected data from these experiments and shared the results with graphs using Excel.

LEADERSHIP

Mathematics Tutoring | Oakland, CA   3/2020 - 8/2020

- Developed lessons and tutored 2 children and 2 adults in mathematics (including GED and GRE preparation) with an individualized approach as an independent tutor overseeing students' success.

Toastmasters | San Francisco, CA   8/2018 - 1/2019

- Conducted and evaluated speeches in a group of 12-15 members and visitors as a member of Spanish Bilingual SF Toastmasters Club receiving positive feedback from experienced professionals.
- Organized and lead a 1.5 hr. meeting, keeping everyone engaged with a thoughtful topic and delivering a firm, but dynamic agenda to keep the program on schedule.

SKILLS

Programming: Python (NumPy, Pandas, Matplotlib), SQL, C++, MATLAB
Operating systems: Windows, Linux
Software tools: Excel, Tableau, GitHub, PowerPoint, LaTeX
Languages: Fluent in English and Spanish