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.
- Research included testing the effects of gene protein tags in cell signaling for potential cancer treatment insights as well as experiments to test claims of ingestible SPF products.
- Excel was used to manually collect data from these experiments and share results with graphs.

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 languages: Python (NumPy, Pandas, Matplotlib), SQL, C++, MATLAB
Operating systems: Windows, Linux
Software tools: Excel, Tableau, GitHub, PowerPoint, LaTeX