Jaime Luna

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EDUCATION

Data Analytics Apprentice - COOP Careers   **2/2023 - Present**

- Developing skills in the analysis process with 200 hrs of professional workshops led by 4 industry experts and completing exercises in Excel (Pivot tables, VLOOKUP), SQL, Tableau, R Programming, and Python
- Performed data cleaning and aggregation in Excel to analyze movie data and make film investment recommendations based on profitability with ROI calculations
- Collaborated in a team of 4 and reported to an analytics lead, using Slack, Google Docs/Slides for optimal productivity

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

- **Coursework**: *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 and solved a key issue in the output of a forest fire simulator by writing an appropriate Python script and incorporating a Fortran program increasing fire propagation accuracy above 90%
- Streamlined the output process with Python file objects and the OS module to efficiently operate primarily in Excel, cutting 2 hours of work per investigation
- Created detailed instructions with images to access visualization tools in an HTML web-formatted document using Sphinx (Python documentation generator) to support harvest planning and mitigating wildfire spread

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

- Arranged team meetings with the UC Davis Center for Regional Change for displacement analysis of San Joaquin County's 24 census-designated cities and communities, obtaining approval of 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 with graphical insights at a poster symposium event with 300+ attendees, including university research professors and students, sharing in the development of important research topics
- Performed experiments and collected data in Excel 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

LEADERSHIP

Mathematics Tutoring | Oakland, CA   **1/2020 - 8/2020**

- Designed lessons and tutored 2 children and 4 adults in mathematics and logic (including GED and GRE preparation) as an independent tutor and achieved improvements of at least one letter grade throughout

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 led 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 & CERTIFICATES

Programming: Python (NumPy, Pandas, Matplotlib), SQL (JOINS, Subqueries), C++, MATLAB
Operating systems: Windows, Linux
Software tools: Excel (VLOOKUP, Pivot Tables), Tableau, GitHub (version control), PowerPoint, LaTeX
Languages: Fluent in English and Spanish
Certificates: Google Data Analytics Professional Certificate, Coursera Machine Learning Certificate