

# Jaime Luna

Sacramento, CA  
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Entry-Level Data Analytics Professional. Experienced in the implementation of models to interpret data including techniques in Machine Learning. Business development and operations oriented.

## EDUCATION

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

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

## SKILLS

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- **Programming languages:** Python (Numpy, Pandas, Matplotlib, Plotly), SQL fundamentals, C++, MATLAB
- **Operating systems:** Windows, Linux
- **Software tools:** Git/GitHub, LaTeX, Excel, PowerPoint

## RELEVANT EXPERIENCE

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**Cell2Fire** | 6/2021 - 5/2022

- Finding and resolving bugs in Python code for an open-source forest fire propagation simulator.
- Wrote Python script to run Fortran code to generate prediction data and convert into csv file.
- Detailed instructions with Sphinx documentation generator to facilitate access to visualization tools.

**Hack for California** | 9/2020 - 12/2020

- Studied procedures and practices for civic-minded data science design.
- Accessed census data with API key to obtain demographics in census tracts within San Joaquin County.
- Set up a GitHub repository and attended meetings with the UC Davis Center for Regional Change to launch project for gentrification data analysis.

**Bridges BioMed Internship** | 5/2018 - 8/2018

- Performed experiments to test claims of ingestible sun-block tablet products, exposing yeast bacteria treated with the product with UV radiation.
- Research included effects of gene protein tags to cell signaling for potential cancer therapeutic insights.
- Collected data from trials to produce graphic charts and graphs for analysis and presented research findings at a university-wide poster symposium event.

## LEADERSHIP

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**Mathematics Tutor** | 3/2020 – 8/2020

- Developed lessons and tutored children and adults in mathematics.
- Helped in preparation for GED and GRE testing in-person and remotely.

**Toastmasters** | 8/2018 - 1/2019

- Conducted speeches to a group of 12-15 attendees, evaluated speeches, and organized and lead 1.5 hr. meetings as a member of Spanish Bilingual SF Toastmasters club.
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