

Jaime Lovera

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Education

University of California, San Diego
B.S., Management Science

2017 // San Diego, CA

- Quantitative major in applied economics with a strong focus on statistical analysis and mathematics.
- Additional Coursework: Introduction to Computer Science (Java), Software Tools & Techniques (Linux, Git), Data Structures & Object-Oriented Design (Java), Computer Organization & Systems Programming (C, Assembly).

Work Experience

Enterprise Data Analyst @ ISS | Institutional Shareholder Services

Jan 2019 - Present // San Diego, CA

- Write complex SQL queries to help derive insight for internal business and for ad hoc client requests.
- Help parse data from files received in various formats using Pandas in Python.
- Conduct exploratory data analysis utilizing Jupyter Notebooks and Python data visualization libraries.
- Have consistently leveraged Python/SQL to implement tools/scripts to improve workflow and automate tasks.

Data Analyst @ Strategic Insight

Mar 2018 - Jan 2019 // San Diego, CA

- Facilitated the ingestion and transformation of multiple large financial retirement plan datasets.
- Revamped quarterly data quality project by fixing various inefficiencies in queries (Microsoft SQL Server) and using techniques to automate/streamline work that was previously being done with Excel. Saved company multiple days of work every quarter by reducing the projects time to completion by over 80%.
- Helped identify data quality issues and implemented strategies to strengthen data pipelines.

Personal Projects *(live demos available on jaimelovera.com)*

Twitter Clone

A social media web app. The backend is a RESTful API built using Firebase. This NoSQL database is designed with scalability in mind. Implemented various cloud functions that get triggered on specific events to help manage storage bloat. Built a front end using React to consume this API and showcase a working prototype.

Personal Finance Blog

A Django web app featuring user authentication, search, comments, and a content management system for managing the websites content. Used Python and an SQLite database to store and manage the data.

Investment & Debt Visualizer

A React web app that takes in various parameters from a user and generates a dataset (using JavaScript) based on principles of compounding interest. This dataset is then plotted on an interactive bar chart to visualize the change.

Music Lyric Finder

A React web app that consumes the Musixmatch public API and renders the JSON data in a user-friendly format.

2048 Game Clone

A JavaScript project I developed that recreates the logic of the popular 2048 game, displayed on an HTML canvas.

Personal Website - jaimelovera.com

My personal website that I developed to share my projects. I utilized React, Material-UI, JavaScript, HTML and CSS.

Skills

Programming Languages:

Python, MySQL, JavaScript, HTML, CSS.

Libraries & Frameworks:

Pandas, Matplotlib, Seaborn, React.

Tools & Platforms:

Excel, Jupyter Notebook, Git, VS Code.

Interests

Data, web applications, personal finance, minimalism, cooking, hiking, traveling.