

Aaron Figueroa

+1 (805) 350-4708 | Aaronfig@usc.edu | [linkedin.com/in/aaronfig](https://www.linkedin.com/in/aaronfig)

EDUCATION

University of Southern California

Bachelor of Arts in Economics — Thematic Option Honors College | GPA: 3.8

August 2025 – Present

Los Angeles, CA

EXPERIENCE

Co-Founder / Business Analyst

Figueroa's Carpet Cleaning

January 2022 – Present

Santa Barbara, CA

- Co-founded a family carpet cleaning business serving residential and commercial clients across Santa Barbara County
- Aggregated and cleaned 24 months of sales data using **Python (Pandas)** to identify revenue leakage
- Built a dynamic pricing model based on travel distance and labor hours, **increasing profit margins by 15%**

Bookkeeping Intern

Restoration Masters

April 2026 – August 2026

Santa Maria, CA

- Reconciled bank transactions in Xero by matching field staff receipts to account entries and categorizing expenses across payroll, vendor payments, and company card transactions
- Flagged and researched ambiguous transactions via structured Google Sheets logs, streamlining resolution with senior management and the company CPA
- Ensured invoice-to-project accuracy by linking all invoices to property addresses, enabling precise project-level Profit & Loss reporting

Assistant Coordinator

Joint Educational Project – ReadersPlus

August 2025 – Present

Los Angeles, CA

- Manage relationships with Foshay Learning Center faculty, serving as primary liaison between school staff and the USC tutoring program
- Oversee tutor documentation including lesson plans, post-lesson notes, and student progress reports for a team of USC student tutors
- Lead weekly staff meetings, aligning tutors on goals, expectations, and student outcomes

Assistant Manager

Epic Group – Buellton Self Storage

August 2024 – August 2025

Buellton, CA

- Oversaw daily operations for 1,000+ storage units including scheduling, logistics, tenant agreements, and payment processing
- Maintained accurate records using specialized property management software; handled all tenant communications and move-in/move-out procedures

PROJECTS

The Valley as a Barometer | *Independent Economics Research*

May 2026 – August 2026

- Designed a solo macroeconomics research project testing whether U.S. dollar weakness explains a rural tourism surge and elevated gas prices in the Santa Ynez Valley; produced a full academic paper, Tableau dashboard, and end-to-end data pipeline
- Collected 7 years of monthly data via **FRED, EIA, BLS, and Google Trends APIs**; built a **SQLite** relational database (6 tables, ~2,500 rows) and **MongoDB Atlas** document store (183 documents)
- Ran **OLS regression** and cross-correlation lag analysis in **Python** (pandas, statsmodels); gas price model $R^2 = 0.490$ with DXY coefficient $p = 0.0008$ — dollar weakness confirmed as an independent price driver
- Built a 4-chart **Tableau** dashboard visualizing dollar index, California gas prices, SYV tourism vs. DXY, and geo-comparison across SYV, Santa Barbara, and Los Angeles

SKILLS

Languages: English (Native), Spanish (Fluent)

Technical: Python (pandas, numpy, statsmodels, matplotlib), SQL (SQLite), MongoDB Atlas, Tableau, Jupyter, Microsoft Excel, Google Workspace, Canva, Notion

Methods: Time-Series Analysis, OLS Regression, Cross-Correlation Analysis, API Data Collection, Data Visualization, Relational & NoSQL Databases