

Colin Burke

Data Analyst | Business Analyst

San Jose, California | Colinburke594@gmail.com | [LinkedIn](#) | [Portfolio](#)

Builder at the intersection of data engineering and business intelligence. I am currently designing and deploying an automated financial reporting data pipeline for a mid-sized nonprofit with 1000+ paying members. The solution pulls data from PayPal, Authorize.net, Event Espresso, and Plaid into a SQL database, with an interactive dashboard and automated budget-vs-projection email alerts to the board. My experience combines a UC Irvine degree in Finance and Information Systems with hands-on experience in ETL architecture, API integration, and executive-level data storytelling.

Skills

Technical: Tableau, Python, SQL, Excel, Figma, n8n, Claude Code, Canva, Descript, Adobe Premiere Pro

Professional: Strategic analysis, data modeling, AI literacy, business development, data cleaning, client management, project management, public speaking and presentations

Professional Experience

Freelance Data Engineer

Los Angeles Center of Photography

Remote

March 2026 - Present

- Eliminated 30+ minutes of daily manual data processing by engineering a three-workflow ETL pipeline that automatically ingests and normalizes transactions from four payment APIs into a centralized database
- Delivered real-time financial visibility to executive leadership by designing and deploying a live BI dashboard surfacing KPIs, program-level revenue, and budget-vs-actual performance, presented to the board for strategic oversight
- Reduced reactive financial decision-making by building an automated alert engine that compares YTD revenue against time-adjusted projections per program and triggers tiered email notifications to leadership when gaps are detected
- Designed and deployed a full production data infrastructure including CI/CD via GitHub, cloud hosting, and a PostgreSQL backend, enabling a sustainable, low-maintenance reporting system for a resource-constrained nonprofit

Founder & Personal Trainer

Burke Strength / Anteater Recreation Center

Los Gatos and Irvine, CA

January 2019 - June 2025

- Founded and grew a personal training business to serve 40+ clients through effective business development, client management, and marketing strategies
 - Designed personalized fitness plans using goal-setting frameworks and data tracking to improve client health outcomes and deliver measurable progress
 - Managed all business operations utilizing Excel and efficient operational systems; created and published content using scripting, filming, and editing with Premiere Pro
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Projects

Seamless AI Face Morphing Video Effect

January 2026

- Developed an AI-powered video effect that seamlessly transitions between individuals' facial features using facial landmark alignment; created for a professional photographer and featured in an art exhibition at Los Angeles Center of Photography, cited in the *LA Times* as "polished and high-tech" (February 9, 2026)

Forex Arbitrage Excel Model

September - December 2023

- Built and presented an Excel model to identify arbitrage opportunities in forex trading, utilizing data modeling and financial logic to demonstrate actionable insights for profit maximization, utilized in an academic setting
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Education & Certifications

University of California, Irvine: B.A. in Business Administration (Finance & Information Systems), June 2025

Google: Data Analytics Professional Certificate (v.3), January 2026

NASM: Personal Training Certification, January 2023