DANTE SHOGHANIAN

dshoghanian@gmail.com • www.linkedin.com/in/dshoghanian • https://github.com/dshoghanian • dante-s.me
Los Angeles, 818-914-9933

EDUCATION

Loyola Marymount University	Master of Science, Business Analytics	May 2026
University of California, Irvine	Bachelor of Arts, Psychological Sciences	June 2024

WORK EXPERIENCE

Polis Assist – *Data Consultant;* Los Angeles*, CA* – Parking / Mobility Application   Jun 2025 – Present
- Currently leading the build-out of pipelines that convert raw municipal parking data into standardized, deployment-ready datasets
- Design and iterate on field-to-schema mappings and validation checks to reduce import errors and stabilize city rollouts
- Standardized field-to-schema mapping and automated import packages to support fast address search
- Drafted test plans, acceptance criteria, and documentation, coordinating DEV validation with engineering team

Dad Brand Apparel – *Data Analyst Intern;* Los Angeles*, CA* – Men's Apparel Company   Sep 2024 – Jun 2025
- Analyzed 500K+ customer interactions, identifying shopping trends that increased conversion rates by 25%
- Optimized inventory forecasting, reducing stockouts by 30% through data-driven insights
- Evaluated marketing campaign performance, refining ad targeting strategies to improve ROI
- Automated reporting dashboards, cutting manual data processing time by and enabling real-time decision-making

Dreams for Schools – *Admin/Operation Intern;* Irvine*, CA* – STEAM Education Nonprofit   Sep 2023 – Dec 2023
- Led CRM migration of 2,500+ records and implemented automated workflows improving team efficiency
- Built models and dashboards from historical financial data that informed 20% of budget decisions
- Supported multiple cross-functional projects, improving operational efficiency with automated reminders and shared tracker
- Led a community initiative, assembling 100+ STEAM kits, expanding STEM access for 500+ students

UCI Student Center & Event Services – *Crew Lead;* Irvine, CA   Nov 2022 - Jun 2024
- Responsible for training new hires and leading a crew of up to 20 people during night shifts
- Coordinating and executing large-scale events, accommodating up to 1500 attendees, and providing administrative support with professional AV equipment

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PROJECTS & AWARDS

1st Place – 2025 IDEAcorps MBA Consulting Challenge   Feb 2025- Mar 2025
- Built a multi-phase scaling strategy for AI-powered jukebox startup Tipzy, including market entry, venue acquisition, and growth priorities
- On-site work with bar owners and staff in New Orleans to understand operations, test the concept in real environments, and refine the value proposition
- Synthesized financial, operational, and customer insights into a clear recommendation deck used in the final competition
- Team won the national competition, and Tipzy received additional non-dilutive funding through the program

Forecasting U.S. Treasury Yields
- Built regime-aware neural models (FNN/CNN/LSTM) to forecast 10-Year U.S. Treasury yield levels and direction for risk-aware decision making
- Engineered bond-market features, yield-curve spreads/curvature, term-premium proxies, policy/volatility regimes, auction/positioning signals

Healthcare Price Transparency Project
- Built a machine learning pipeline to predict hospital procedure prices and identify key factors driving cost variability across the U.S. healthcare system
- Explored pricing trends across insurers, hospital locations, and patient categories to generate insights into cost transparency and policy recommendations

Telco Customer Churn Prediction Using TabNet and Machine Learning Models
- Built an end-to-end customer churn model with TabNet: cleaned data, engineered features, handled class imbalance, and tuned hyperparameter
- Produced feature importance/SHAP-style analyses to identify key churn drivers and translated findings into actionable retention levers and segmentation

EPL Transfer Narrative NLP Project
- NLP-based pipeline to study Premier League transfer news and rumors, linking text (stance, sentiment, hedging) with transfers, demand, and fan engagement.
- Integrated multiple data sources (news, match data, attendance/engagement metrics) to model credibility and impact of news events in sports

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ADDITIONAL INFORMATION

Skills: Python (Pandas, NumPy, scikit-learn), R, SQL; Tableau, Power BI, Excel; ML/predictive modeling, time-series forecasting, NLP; statistical analysis; data cleaning & wrangling; dashboarding & KPI development; GIS; AWS, Docker; Consulting

Languages: English (Fluent), Armenian (Fluent)
Interests: Football (Liverpool FC), Tennis, Outdoorsy, Cars, Reading
Work Eligibility: Eligible to work in the U.S. with no restrictions