

DANTE SHOGHANIAN

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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 – <i>Data Consultant</i> ; Los Angeles, CA – Parking / Mobility Application	Jun 2025 – Present
<ul style="list-style-type: none">Currently leading the build-out of pipelines that convert raw municipal parking data into standardized, deployment-ready datasetsDesign and iterate on field-to-schema mappings and validation checks to reduce import errors and stabilize city rolloutsStandardized field-to-schema mapping and automated import packages to support fast address searchDrafted test plans, acceptance criteria, and documentation, coordinating DEV validation with engineering	
Dreams for Schools – <i>Admin/Operation Intern</i> ; Irvine, CA – STEAM Education Nonprofit	Sep 2023 – Dec 2023
<ul style="list-style-type: none">Led CRM migration of 2,500+ records and implemented automated workflows improving team efficiencyBuilt models and dashboards from historical financial data that informed 20% of budget decisionsSupported multiple cross-functional projects, improving operational efficiency with automated reminders and shared trackerLed a community initiative, assembling 100+ STEAM kits, expanding STEM access for 500+ students	
Dad Brand Apparel – <i>Data Analyst Intern</i> ; Los Angeles, CA – Men’s Apparel Company	Jun 2023 – Sep 2023
<ul style="list-style-type: none">Analyzed 500K+ customer interactions, identifying shopping trends that increased conversion rates by 25%Optimized inventory forecasting, reducing stockouts by 30% through data-driven insightsEvaluated marketing campaign performance, refining ad targeting strategies to improve ROIAutomated reporting dashboards, cutting manual data processing time by and enabling real-time decision-making	
UCI Student Center & Event Services – <i>Crew Lead</i> ; Irvine, CA	Nov 2022 - Jun 2024
<ul style="list-style-type: none">Responsible for training new hires and leading a crew of up to 20 people during night shiftsCoordinating and executing large-scale events, accommodating up to 1500 attendees, and providing administrative support with professional AV equipment	

PROJECTS & AWARDS

1st Place – 2025 IDEAcors MBA Consulting Challenge	Feb 2025- Mar 2025
<ul style="list-style-type: none">Built a multi-phase scaling strategy for AI-powered jukebox startup Tipzy, including market entry, venue acquisition, and growth prioritiesOn-site work with bar owners and staff in New Orleans to understand operations, test the concept in real environments, and refine the value propositionSynthesized financial, operational, and customer insights into a clear recommendation deck used in the final competitionTeam won the national competition, and Tipzy received additional non-dilutive funding through the program	
Forecasting U.S. Treasury Yields	
<ul style="list-style-type: none">Built regime-aware neural models (FNN/CNN/LSTM) to forecast 10-Year U.S. Treasury yield levels and direction for risk-aware decision makingEngineered bond-market features, yield-curve spreads/curvature, term-premium proxies, policy/volatility regimes, auction/positioning signals	
Healthcare Price Transparency Project	
<ul style="list-style-type: none">Built a machine learning pipeline to predict hospital procedure prices and identify key factors driving cost variability across the U.S. healthcare systemExplored 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	
<ul style="list-style-type: none">Built an end-to-end customer churn model with TabNet: cleaned data, engineered features, handled class imbalance, and tuned hyperparameterProduced feature importance/SHAP-style analyses to identify key churn drivers and translated findings into actionable retention levers and segmentation	
EPL Transfer Narrative NLP Project	
<ul style="list-style-type: none">NLP-based pipeline to study Premier League transfer news and rumors, linking text (stance, sentiment, hedging) with transfers, demand, and fan engagement.Planning integration of multiple data sources (news, match data, attendance/engagement metrics) to model credibility and impact of news events in sports	

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