

DALIN TRY

Los Angeles, CA • (646) 988-4719 • dtry@marshall.edu • linkedin.com/in/dalin-try

EDUCATION

University of Southern California, Marshall School of Business
Master of Science in Business Analytics

May 2028

University of California, Berkeley
B.A. Economics (Honors), Minor in Data Science

May 2026

Relevant Coursework: Financial Accounting, Macroeconomics, Econometrics, Data Science, Statistics
Activities: UC Investment Academy, Pin Point (Startup Founder), Berkeley Formula Racing

SELECT PROJECTS

Cook County Housing Price Prediction | Python, Pandas, Scikit-learn

- Analyzed 204,000+ property records and engineered predictive features from housing descriptions, building characteristics, neighborhoods, and geographic data.
- Built and validated linear regression pipelines, improving cross-validation RMSE by approximately 5% and evaluating prediction bias across property-price segments.

Email Spam Classification | Python, Pandas, Scikit-learn, Regex

- Engineered keyword, formatting, and structural email features to build a logistic regression spam classifier with 90.2% training accuracy.
- Evaluated model performance and classification trade-offs using cross-validation, confusion-matrix metrics, probability thresholds, and ROC analysis.

San Francisco Food Safety Analysis | Python, Pandas, NumPy, Matplotlib

- Analyzed 32,000+ San Francisco restaurant and inspection records by cleaning location data, identifying anomalies, visualizing patterns, and generating geographic restaurant recommendations.

WORK EXPERIENCE

Summer Equity Researcher | Lam Research Corp — Extern

Jun 2025 – Aug 2025

- Conducted semiconductor industry valuation and financial-statement analysis using Excel, Python, SQL, and R, improving workflow efficiency by 30%.
- Built DCF and comparable-company models and investment memos; projected a \$2.50 EPS increase validated by Lam Research analysts and presented findings in a seminar.

Lead Researcher | UC Berkeley — Undergraduate Research Apprentice Program

Aug 2024 – Dec 2024

- Led a four-person team to build an AI-enabled maternal health chatbot using Turn.io, R, and Excel; presented findings to faculty and the Peruvian Ministry of Health.
- Curated, cleaned, and annotated 1,700+ health-service requests for LLM-driven insights; increased healthcare engagement by approximately 30% through prompt engineering.

Economics & Macroeconomics Tutor | UC Berkeley Student Learning Center

Jan 2026 – Present

- Provide individual and group tutoring and develop structured practice materials covering fiscal policy, monetary theory, market analysis, and exam preparation.

Student Secretary | UC Berkeley College of Computing, Data Science & Society

Aug 2024 – Jan 2025

- Supported outreach and advising for 1,200+ prospective and current students and processed 300+ inquiries per semester while managing Dean's Office scheduling, communications, and records.

Student Assistant | USAID & UC Berkeley Blum Center Program

Jan 2024 – Jan 2025

- Adapted four Berkeley Data 8 Python notebooks into Khmer for five Cambodian partner universities; coordinated with USAID, Cambodian professors, and the U.S. Embassy to validate accuracy.

SKILLS & CERTIFICATIONS

Programming & Tools: Python (Pandas, NumPy), R, SQL, Excel (VLOOKUP, PivotTables, DCF Modeling), HTML, JavaScript, CSS, Scheme, Turn.io, Google Sheets

Languages: English (Fluent), Khmer (Fluent)