Zagadou Oyotode

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EDUCATION

UCLA ANDERSON SCHOOL OF MANAGEMENT Los Angeles, CA
Master of Financial Engineering Expected Dec 2027
- *Awards:* Los Angeles Capital Fellow

UNIVERSITY OF ROCHESTER Rochester, NY
B.S. Finance & B.A. Computer Science May 2022
- *Relevant Courses:* Options, Futures and Derivatives | Investments | Economics Statistics | Data Structures and Algorithms

SKILLS & CERTIFICATIONS

- *Technical Skills:* Python (Numpy, Pandas, Scikit-learn), C++, SQL, R, Git, Excel, PowerBI
- *Training:* C++ Programming for Financial Engineering (QuantNet), Numerical Algebra for Financial Engineering (Baruch College Pre-MFE), Probability Theory for Financial Applications (Baruch College Pre-MFE)

EXPERIENCE

UBS New York, NY
Smart Technology & Advanced Analytics Data Scientist Oct 2024 – June 2026
- Engineered and deployed an Airflow pipeline integrating client and prospect data to systematically identify beneficiary gaps and in-house offer eligibility, generate natural-language insights, and automate targeted weekly signals to Financial Advisors, supporting AUM retention and conversion.
- Re-architected the insight-generation pipeline, reducing end-to-end generation latency by 84% and enabling scalable deployment across international markets.

Quant Modeling Specialist Jan 2023 – Oct 2024
- Built regression-based revenue forecasting models incorporating exogenous market drivers; evaluated model robustness through in-sample and out-of-sample backtesting across 19 quarters under baseline and stress scenarios
- Conducted quarterly model diagnostics including sensitivity analysis, residual diagnostics, and driver stability monitoring, and automated reporting of model risk findings to executives via PowerBI to inform capital management decisions

SEI Oaks, PA
Financial Technology and Asset Management firm managing/administering ~$1.9T in assets
Operations Data Analyst Oct 2022 – Jan 2023
- Automated trade reconciliation and exception-detection workflows in Python, improving data integrity and reducing downstream reporting risk

PROJECTS

Systematic Trading Signal Research Oct 2025 – Feb 2026
- Built a modular Python framework for trend-following and mean-reversion strategies including signal generation, backtesting, and execution simulation with position sizing and risk controls
- Evaluated strategy robustness via walk-forward out-of-sample testing, incorporating transaction costs and slippage to assess performance under realistic trading conditions; decomposed long/short signal performance on AAPL, finding that trend-following longs drove the strategy's edge (profit factor 2.55 vs. 0.80 for shorts) while low walk-forward parameter stability (~0.12) suggested no persistent out-of-sample edge on the short side.

Option Pricing Jan 2026
- Implemented a C++ options-pricing engine for European and perpetual American options using Black-Scholes pricing methods; validated pricing consistency through put-call parity and computed Greeks using analytical and finite-difference methods

ADDITIONAL INFORMATION

- *Languages:* French (native)
- *Interests:* West African Dance, Perfume & Skincare Formulation