Venkata Sreenivaas Lingam

917-679-6965 | venkata_sl@berkeley.edu | linkedin.com/in/sreenivaaslv/

Education

University of California, Berkeley – Haas School of Business **Expected March 2027**
Master of Financial Engineering *Berkeley, CA*

Rutgers, The State University of New Jersey **05/2023**
Bachelor of Science in Finance [GPA: 3.7/4.0] *Newark, NJ*
Achievements: [Dean's List 2020,2021,2022,2023]

Skills & Certifications

Programming: Python(Pandas, Numpy, Scikit-learn, Tensorflow, statsmodels) , C++17(STL), SQL, R, Git
Mathematics: Probability & Statistics; Stochastic Calculus; Time-Series & Financial Econometrics; Linear Algebra; Multivariate Calculus; ODE/PDE; Numerical Methods & Optimization
Certifications: Neural Networks & Deep Learning (DeepLearning.AI, Coursera); Accelerated Computer Science Fundamentals (University of Illinois, Coursera).

Professional Experience

AllShifts **Newark, NJ**
Revenue Analyst *[05/2025] –*

- Optimized billing rates with XGBoost and clustering across NY, PA, CO, and CT, sustaining approximately $750K per month in additional revenue at 30.7% gross margin.
- Engineered an automated time-series cash-collection forecasting pipeline (R2 = 0.74, <5% MAPE) with scheduled runs and alerts, improving treasury planning and reducing line-of-credit usage
- Partnered with Sales on analytics to win 19 high-value NY/PA clients, adding $78K in weekly revenue

Credit and Billing Analyst *[04/2024] – [04/2025]*

- Built logistic-regression credit-risk models that reduced credit risk by 17% and grew monthly revenue by 22%.
- Automated AR reporting with PostgreSQL, SQL, Python, and Tableau, producing aging and collectability reports, borrowing base certifications, client status segmentation, and credit risk scores with alerts; saved 15 hours per week and improved risk response times.
- Streamlined AR operations; reduced DSO by 6%, improved payment-timeline compliance by 13%, and increased reporting accuracy and speed by 60%+.

Projects

Rutgers, The State University of New Jersey **Newark, NJ**
Tesla Return Forecasting - Multifactor Regression + ARIMAX | Pandas, Scikit-learn, Statsmodels *[12/2022]*

- Built a multifactor OLS and ARIMAX pipeline to forecast TSLA returns, using exogenous factors (market, volatility, rates) with rolling walk-forward validation; improved MAPE by 18% versus ARIMA baseline.
- Engineered data ingestion and features in pandas (yfinance), applied residual diagnostics (Durbin–Watson, Ljung–Box), and evaluated with MAPE/MAE in time-series CV.
- Produced clear plots and a reproducible notebook/README explaining assumptions, limitations, and model selection rationale for non-technical readers.

Independent Project **Newark, NJ**
Currency Pairs Trading [USD-INR & GBP-EUR]| Numpy, Statsmodels, TensorFlow *[10/2025 – Present]*

- Researching cointegration-based statistical arbitrage on USD/INR and GBP/EUR with z-score mean-reversion signals and volatility-targeted sizing.
- Implementing purged walk-forward validation and transaction-cost modeling; event-time backtests report out-of-sample Sharpe, t-stat, and turnover
- Building a reproducible pipeline with automated data-quality checks and saved artifacts (plots, metrics).

Interests: Horology, Poker, Karting, Reading, Weightlifting, Soccer