

EDUCATION		
RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY	December 2025	
Rutgers Business School- Newark, NJ		
Master of Information Technology and Analytics		
Relevant Coursework: Machine Learning, Big Data & Cloud Computing, Data Visualization & Analytics, Business Forecasting		
CLARK UNIVERSITY- Worcester, MA	December 2024	
Bachelor of Science, Major in Public Administration		

SKILLS		
<ul style="list-style-type: none">Languages & Analytics: Python (Pandas, NumPy, Scikit-learn), SQL (MySQL, PostgreSQL), R, Excel (Power Query, PivotTables)Cloud & Data Engineering: AWS (Kinesis, Lambda, EC2, S3, Redshift), Kafka, PySpark, LinuxBI & Visualization: Tableau, Power BIMachine Learning & Analytics: EDA, Time Series Forecasting, Feature Engineering, Classification, A/B Testing, Hypothesis TestingBusiness & Communication: Dashboarding, KPI Design, Data Storytelling, Cross-functional CollaborationCertification: AWS (Amazon Web Services) Academy Graduate - Data Engineering & Cloud Foundation		

EXPERIENCE		
Fosun Capital Investment Management, LLC	May 2024 – December 2024	
Financial Data Analyst Intern (Remote)		
<ul style="list-style-type: none">Analyzed financial datasets for 10+ investment cases using Python (Pandas, NumPy) and SQL, supporting valuation, portfolio monitoring, and investment committee decision-making.Built DCF, comparable company, and multi-factor valuation models incorporating macroeconomic and industry indicators; scenario analysis insights helped improve projected portfolio IRR from ~19% to 22%.Designed and automated Excel and Power BI dashboards tracking liquidity ratios, leverage, covenant headroom, and valuation KPIs, reducing manual reporting and turnaround time by ~35-40%.Conducted exploratory data analysis (EDA) to detect financial anomalies and performance drivers; findings improved investment proposal relevance by ~15%.Supported due diligence across 8+ shortlisted targets, performing trend and variance analysis and translating valuation results into executive-level visuals for partner and investment committee discussions.		
Ocean Fortune Glory Asset Management, LLC	May 2023 – August 2023	
Financial Data Analyst Intern		
<ul style="list-style-type: none">Processed and reconciled 285K+ portfolio and transaction records using SQL and Excel, ensuring data accuracy for recurring reporting and analysis.Performed trend, variance, and ratio analysis to assess risk exposure, leverage, and liquidity across multiple portfolio holdings.Built automated SQL workflows and Tableau dashboards to streamline reporting and visualize portfolio returns and key risk indicators, improving decision efficiency.		

PROJECTS		
Credit Card Fraud Detection Python, Scikit-learn, SMOTE	2025	
<ul style="list-style-type: none">Utilized Python (Pandas, Scikit-learn) to preprocess 285K+ transactions and apply SMOTE for class balancing; improved model recall by 15% on fraud detection.Trained and optimized SVM, Random Forest, and Logistic Regression models, achieving 97.4% AUC; visualized results using confusion matrix and precision-recall curves.		
Student Academic Performance Database SQL, ERD, Tableau	2025	
<ul style="list-style-type: none">Designed a normalized SQL database for 500+ students, writing 25+ queries (with JOINS, CTEs, GROUP BY) to analyze GPA trends and tutoring effectiveness.Built interactive Tableau dashboards with filters and slicers to visualize academic KPIs; enabled data-driven curriculum improvements.		
Real-Time Stock Price Streaming & AI Forecasting Pipeline AWS, Python, Kafka, LLMs, Tableau	2025	
<ul style="list-style-type: none">Built real-time stock data pipeline using AWS services (Kinesis / Lambda / EC2) to ingest minute-level price feeds.Processed streaming data with PySpark; stored in AWS S3 + Redshift for analytics and reporting.Implemented ML and LLM hybrid forecasting workflow: time-series regression + prompt-based market sentiment analysis.Built live Tableau dashboard for price trends & anomaly alerts; demonstrated predictive signals for 2025 test window.Automated ETL & monitoring; designed modular pipeline for API ingestion, back-testing, and data quality checks.		