

CHRISTOPHER A. ROTUNNO

FinTech Analyst

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📍 Nashville, TN USA

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WORK EXPERIENCE

Founder & CEO

Root Labs

📅 Feb 2023 - current 📍 Nashville, TN

- **Portfolio Development:** Implemented a comprehensive portfolio development initiative, curating and organizing 50+ examples of quantitative analysis, script development, and distributed computing in a publicly shared repository.
- **Data Analytics:** Created 34 automated reports based on specific criteria using Python scripts for management.
- **System Architecture:** Executed the implementation of business logic into process flows leading to an 80% enhancement in decision-making and business processing.

Stock Market Data Integrity Specialist

Socrates Platform

📅 February 2018 - November 2021 📍 Redington Beach, FL

- **IT Infrastructure Administration:** Administered data import and update jobs, ensuring uninterrupted service delivery to 12,000+ global subscribers, earning a 10% annual bonus three times.
- **Database Management:** Added to the SaaS product by gathering 3,000+ market offerings (stocks, bonds, foreign exchange, commodities futures).
- **Data Collection:** Developed a Flask REST API to seamlessly integrate and consolidate data from diverse sources, resulting in a 40% reduction in data collection time and better data accuracy.
- **Global Collaboration:** Bolstered team cohesion through participation in the annual World Economic Conference (WEC), leading to better remote work dynamics, increased project efficiency, and elevated client satisfaction levels.

Financial Statements Data Quality Analyst

Intrinio

📅 May 2017 - November 2017 📍 Saint Petersburg, FL

- **Natural Language Processing:** Improved classification accuracy by 20% while standardizing S&P 500 financial statements (balance sheets, income statements, cash flows) through text mining techniques.
- **Financial Statement Analysis:** Examined 10-K earnings reports for S&P 500, correcting discrepancies on 50% of standardized statements.
- **Performance Optimization:** Streamlined efficiency by managing lag-time and peak performance trade-offs, resulting in a 10% increase in system performance.

Consumer Lending Analytics Intern

Wells Fargo

📅 May 2016 - August 2016 📍 Chandler, AZ

- **Credit Card Application Processing:** Collaborated with cross-functional teams to process 400,000+ monthly credit card applications, enhancing efficiency through automated SQL decision trees, expediting credit card approvals.
- **Managing the Manager:** Implemented structured management practices, including weekly deadlines and effective communication strategies, leading to significant improvements in organizational efficiency and streamlined workflows.

EDUCATION

M.S.B.A. Business Analytics

Leeds School of Business

University of Colorado

M.B.A. Music Business

Jennings A. Jones College

Middle Tennessee State University

SKILLS

Statistical Analysis

- Descriptive Statistics, Hypothesis Testing, Confidence Intervals, Distributions, Linear and Logistic Regression, Multivariate Analysis, Experimental Design, ANOVA

Machine Learning

- Regression, Classification, Clustering, Feature Engineering, Model Selection, Data Preprocessing

Deep Learning

- Multi Layer Perceptrons, Adversarial Neural Networks, Recurrent Neural Networks, Convolutional Neural Networks, Long Short Term Memory, BERT, Time Series Analysis

Time Series Analysis

- Overlap Studies, Momentum Indicators, Volume Indicators, Volatility Indicators, Price Transform, Cycle Indicators, Pattern Recognition, Trend Analysis, Seasonality, ARIMA, SARIMAX, Prophet Model

Business Intelligence

- Tableau Visualizations, Dashboards, and Stories, PowerBI, DataStudio, Plotly