

CHRIS ROTUNNO

Data Analyst

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🐙 [GitHub](#)

📍 Nashville, TN USA

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WORK EXPERIENCE

Founder & Chief Visionary Officer

Root Labs

📅 Feb 2023 - current

📍 Nashville, TN

- **Entrepreneurial:** Risked \$8K in operating systems and server infrastructure to establish a data analytics firm scalable to create substantial career opportunities.
- **Business Intelligence Freshness:** Produced a series of automated reports with Python, a double ledger MySQL RDBMS, a [Tableau Public](#), and a [Kaggle Contributor](#) status.

Stock Market Data Integrity Specialist

Socrates Platform

📅 Feb 2018 - Nov 2021

📍 Redington Beach, FL (Remote EST)

- **Data Import and Update Management:** Ensured uninterrupted service delivery to 12K+ global subscribers, utilizing .NET and C# programs daily, ensuring data quality automation, and earning a 10% annual bonus thrice.
- **SaaS Product Development:** Expanded the market offerings, employing Python to update 128GB+ of flat files with the latest information from data providers, enhancing market coverage three-fold.
- **Data Validation Queries:** Performed MongoDB queries for data validation, focusing primarily on market additions and troubleshooting tasks, reducing the number of failed data updates by 99%.
- **Global Collaboration:** Strengthened team cohesion by participating 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 - Nov 2017

📍 Saint Petersburg, FL

- **XBRL Classification:** Boosted XBRL classification accuracy by 20% through text mining techniques in R while standardizing S&P 500 financial statements.
- **Financial Statement Analysis:** Reviewed 10-K earnings reports, correcting discrepancies in an estimated 60% of standardized statement line items.
- **Performance Optimization:** Streamlined efficiency by managing lag-time and peak performance trade-offs, resulting in a 10% increase in system performance.
- **Project Management:** Optimized Agile sprints in JIRA with Kanban, applying Six Sigma for a measurable 20% process efficiency gain.

Consumer Lending Analytics Intern

Wells Fargo

📅 May 2016 - Aug 2016

📍 Chandler, AZ

- **Credit Card Application Processing:** Collaborated with cross-functional teams to process 400K+ monthly credit card applications, enhancing efficiency through a data warehouse stored in Microsoft SQL Server.
- **Managing the Manager:** Implemented structured management behavioral practices, including weekly deadlines and effective communication strategies, improving organizational efficiency and streamlined workflows.

EDUCATION

M.B.A. Music Business

Jennings A. Jones College

Middle Tennessee State University

📅 Jun 2022 - Dec 2023

M.S.B.A. Business Analytics

Leeds School of Business

University of Colorado

📅 Jun 2020 - May 2023

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.