CHRIS ROTUNNO, FINTECH ANALYST

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WORK EXPERIENCE

FOUNDER AND CHIEF VISIONARY OFFICER, 2023
Root Labs, Nashville, TN

- **IT Expertise:** Orchestrated Windows Server 2022 setup, Hyper-V virtualization, Docker-based Linux app maintenance, and diverse AWS utilization including IAM setup, ECS deployment, RDS optimization, and S3 clustering.

- **Kaggle Contributor:** Analyzed a diamonds data set, predicting diamond prices based on given features. Achieved an R squared score of .98 utilizing CatBoost Regressor model.

- **YouTube Channel**: Employed platforms like OBS Studio, Kapwing for scenes, and Photopea for thumbnail design, ensuring visually appealing content ready for potential to go viral at any moment.

- **GitHub Work Sample**: During the interim since the previous field role, engagement with data analytics concepts is evident through a shared GitHub portfolio highlighting relevant skills and work.

STOCK MARKET DATA INTEGRITY SPECIALIST, 2017 – 2021
Socrates Platform, Saint Petersburg, FL

- **IT Infrastructure Administration**: Administered local server and network infrastructure, ensuring seamless product and service delivery for 12,000 global subscribers. Awarded a 10% bonus of yearly salary on three separate occasions for completing this service.

- **Database Management:** Improved the SaaS product by adding over 1,500 market offerings (stocks, bonds, foreign exchange, and commodities futures) using the company's database management system and MongoDB queries to ensure consistency and availability.

- **Data Collection:** Accomplished data integration with python using different sources including S&P Global, Refinativ, and FRED API. Deployed the data to production, expanding offering for paying subscribers.

- **Data Munging:** Completed reviewing 128GB of input files for application updates every day. Formatted files, managing delimiters, decimal values, and date-time conversions.

- **Prediction**: Produced an LSTM model utilizing Scikit-Learn to forecast the DOW Jones Industrial Average stock prices. Achieved a notable accuracy rate of 89%, showcasing proficiency in time series analysis, machine learning, and predictive modeling.

- **Global Collaboration and Team Cohesion:** Fostered productive interactions with a diverse global team. Instrumental in bolstering team cohesion and optimizing remote work dynamics, leading to increased project efficiency and heightened client satisfaction.

FINANCIAL STATEMENTS DATA QUALITY ANALYST, 2017
Intrinio, Saint Petersburg, FL

- **NLP and Financial Statement Analysis:** Rectified discrepancies in standardized financial statements (balance sheets, income statements, cash flows) for S&P 500 markets, yielding a 20% classification accuracy boost through R-based text mining.

- **Financial Statement Analysis & GAAP Expertise:** Analyzed hundreds of 10-K and 8-K earnings reports, conducting thorough historical data comparisons. Translated insights into informed decisions aligned with GAAP standards, enhancing financial comprehension.

- **Computational Complexities and Performance Optimization:** Explored intricate lag-time vs. performance trade-offs. Strategically balanced lag and peak performance, fine-tuning algorithms for efficiency in critical tasks.

CONSUMER LENDING ANALYTICS INTERN, 2016
Wells Fargo, Chandler, AZ

- **Data Analytics and Credit Card Application Processing**: Coordinated cross-functional teams to process over 400,000+ monthly credit card applications. Employed automated SQL decision trees, cutting underwriter time, boosting efficiency, and expediting credit card approvals.

- **Reporting Standards and Compliance:** Led the creation of a 15-item checklist, establishing industry-best practices in data analytics reporting. Aligned with OCC and CFPB guidelines, ensuring full compliance and adherence to data reporting requirements.

- **Managing the Manager:** Executed a structured management approach by establishing weekly deadlines, seeking clarity through thoughtful inquiries, and conducting comprehensive needs assessments. This initiative fostered improved communication and organizational efficiency, resulting in streamlined workflows.

EDUCATION

CU Boulder, 2023
M.S.

- **Predictive Modeling Winner**: Won a predictive modeling competition by creating a logistic regression model. The model evaluates credit applicants' creditworthiness for a banking client, highlighting skills in data analysis, model building, and financial risk assessment.

MTSU, 2023
M.B.A.

- **Dashboarding Excellence**: Acknowledged for outstanding proficiency in crafting dashboards, leading to high praise from professor and classmates. Moreover, the dashboard was selected as a model to inspire students in future semesters.

SKILLS

Statistical Methods, Business Intelligence, Insights Engines, Time-Series Analysis, Financial Statement Analysis, ERP Systems, Troubleshooting

TOOLS

Windows Terminal, Git, VS Code, Jupyter Docker Stacks (Python, R, Spark), Tableau, SQL, Mongo, AWS