TAIWO AKINGBESOTE

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EDUCATION

RUTGERS BUSINESS SCHOOL   **Newark, NJ**
M.S in Quantitative Finance / Financial Mathematics   *Aug 2024 – Dec 2025*

Montclair State University   **Montclair, NJ**
B.S. Mathematics, Computer Science Minor   *Class of 2024*
- Cumulative GPA: 3.68/4.0; Major GPA: 3.8/4.0
- Relevant Coursework: Calculus 3, Linear Algebra, ODE, Data structures and Algorithms, Perturbation Theory, Probability, Python, Physics I&II, Mathematics Modeling, Operations Research, Abstract Algebra.
- Honors: Dean's List for multiple semesters, Audrey V Leaf Scholarship, Mathematics Ambassador.

WORK EXPERIENCE

JOHNSON & JOHNSON   **Raritan, NJ**
Data Science & Data Engineering Intern – CBT TS Application Maintenance Team   *Aug 2024 – Present*
- Developed and deployed an Azure Function using Power Automate, integrating a Python script to automate the processing of error emails, saving thousands of manual hours and at least $40,000 annually across all corporate applications.
- Leading the proof of concepts (POC) for the Mobius tool, integrating advanced analytics for financial planning and operational excellence in eMarketplace, FP&A, and SUMMIT.
- Participating in strategic initiatives aimed at the automation of enhancement of application maintenance processes using Johnson & Johnson's suite of automation tools.
- Integrating and automating business-critical systems including IRIS, MS teams, and Slack, using API-driven approaches to streamline compliance management through RISE initiative for workday.

GOLDMAN SACHS   **Remote**
Virtual Insight Series Participant   *June 2024*
- Selected from a pool of 10,000 applicants, the Virtual Insight Series at Goldman Sachs offers participants a unique chance to develop essential skills in finance, gain insight into key revenue-generating divisions, and experience the firm's culture firsthand. This four-week program provides an opportunity to learn from top professionals in the investment banking world at a leading global firm, offering a rewarding experience and acquiring crucial knowledge.

DATA GLACIERS   **Remote**
Data Science Intern   *May 2023 – Aug 2023*
- Engineered and deployed advanced machine learning models (Linear and Exponential regression) with python, integrating flask to design a user-centric web application.
- Captained a cross-regional team of interns to design a ML model for a bank, in an aim to cut operational costs by 20%

PROJECTS

Stock Price Prediction Using Random Forest Model   **July 2024**
- Developed a Random Forest model to predict Johnson & Johnson stock prices with a Mean Absolute Error of 0.013. Utilized Python, Pandas, scikit-learn, and joblib for data preprocessing and model training. Deployed the model using Flask for real-time predictions, improving prediction accuracy and providing investment insights.

ML Modeling Project   **Aug 2023**
- Built a classification model using FIFA's official dataset to appraise soccer players' market value, utilizing linear regression techniques.
- This model adeptly predicts potential career trajectories based on age and performance metrics, implemented with a frontend Flask interface.

RELEVANT SKILLS

Activities & Interest:	Semi-Professional soccer player, LSAMP Scholar, Hiking, Running, Gaming, Traveling, DEI, TICC Development member.
Certifications:	Bloomberg Market Concepts Certification Program
Programming Languages:	Python (Pandas, NumPy, Matplotlib), Java, SQL, HTML, CSS, JavaScript
Tools & Frameworks:	Flask, MATLAB, Scikit-Learn, Feature Engineering, LaTeX, Microsoft Office, Power Automate, Microsoft Azure.