

Soya Diaoune

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PROJECTS

Study Buddies (**3rd Place at HackStetson**) - APR 2017 - <https://devpost.com/software/studybuddies-1h8xg0>
SponsorSynq - DEC 2025 - <https://sponsorsynq.com/>
Staffless - MAY 2025 - <https://trystaffless.com/>
Dokodio - MAR 2025 - <https://dokodio.com/>
AutoHR - OCT 2024 - <https://tryautohr.com/>

EXPERIENCE

ASSISTANT VICE-PRESIDENT; SENIOR FINANCE ANALYST **BANK OF AMERICA**; CHARLOTTE, NC — 2025-PRESENT

- Identified manual, high-risk steps within the end-to-end forecasting workflow; responsible for driving process efficiency and control.
- Mapped the full forecasting lifecycle, identified data-quality gaps, and implemented automation and control enhancements to improve throughput and reduce variability.
- Reduced manual effort and process risk while strengthening auditability and model lifecycle controls across supported portfolios.

QUALITY ASSURANCE CONSULTANT V, **BANK OF AMERICA**; CHARLOTTE, NC — 2025

- Collaborated with data science, engineering, and business stakeholders to identify model and data risks across forecasting and risk-decisioning workflows; prioritized testing needs aligned with AI/ML governance, regulatory expectations, and enterprise risk standards.
- Documented and translated model testing, validation, and data-quality requirements into actionable plans, enabling accurate execution, reproducibility, and transparent reporting of AI/ML risk assessments across multiple portfolios.
- Executed enterprise-wide model testing and control evaluations, assessing the design and effectiveness of ML-enabled fraud, AML, and regulatory compliance controls; identified gaps in model logic, training data, and monitoring frameworks.
- Communicated analytical findings and model-risk insights to cross-functional teams, recommending optimization strategies that reduced false positives, improved model performance, and strengthened both data integrity and control design across the enterprise.

RISK ANALYST, **COCA-COLA CONSOLIDATED**; CHARLOTTE, NC — 2023-2025

- Extracted data from RIMS systems, including Origami and Ventiv, and developed dashboards using Tableau and Power BI.
- Managed and analyzed extensive risk data at Coca-Cola Consolidated using SQL, Python, Excel, Ventiv IRM, Origami Risk, and FUSION, optimizing data processing workflows.
- Developed and executed complex SQL queries to extract, clean, and transform claims data for auto crashes and workers' compensation, improving efficiency and data integrity.
- Automated Loss Summary Data reporting by developing custom Python and OfficeScript (JavaScript for Microsoft Office) scripts, significantly reducing report generation time and enhancing data accuracy.
- Designed and maintained SQL scripts to support data validation, anomaly detection, and trend analysis within risk reporting processes.
- Leveraged Fusion for Business Continuity Planning (BCP), integrating risk data systems to enhance organizational resilience and operational continuity.

SYSTEMS OPERATIONS SENIOR ANALYST, **WELLS FARGO**; CHARLOTTE, NC — 2019-2022

- Streamlined operations process and troubleshoot technical issues in systems operations such as UNIX and Linux.
- Analyzed current systems operations processes, troubleshoot complex problems, designed and implemented automation scripts (bash shell scripting), and generated regular reports. Fixed Python & Java (spring) back-end bugs and improved frontend (React) UI.
- Recommended modifications to streamline and improve efficiency, implemented new procedures and trained team members, responded to technical issues promptly, replaced manual processes with automation scripts, and analyzed data to make recommendations for optimization.
- Increased productivity, reduced errors, minimized downtime, ensured smooth system functioning, and supported decision-making.

EDUCATION

Florida International University, Miami, FL — Computer Science - Bachelor's Degree, JUN 2017-JUN 2019

SKILLS

DEVELOPMENT PLATFORMS AND RUN-TIME ENVIRONMENTS: Github, PostgreSQL, MySQL, Supabase, Node.js, Postman, n8n, Alteryx, Tableau, AWS, Google Cloud, JIRA **PROGRAMMING LANGUAGES:** TypeScript, Java, HTML, CSS, JavaScript, Python, Rust, Excel Table Functions **FRAMEWORKS:** React, Angular, React Native

