

RUSSELL SUN, CSM, CSPO

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OBJECTIVE

Data analyst with experience of data platform management in the financial industry. Demonstrated impact on projects that deliver new functions and tools to fulfill business requirements and product roadmaps. Strong applied Python/SQL skills for data analytics. Seeking to join innovative teams to deliver high-quality data projects.

Personal Website: <https://russellsun.com/>

Technical Capabilities

Certificates: Certified Scrum Master, Certified Scrum Product Owner, Bloomberg Market Concepts;

Programming: Python, C++, R, Linux, Object-oriented Programming, Databricks; **Database Management:** SQL, Visio, HiveQL;

Project Management: Agile, Scrum, SDLC, JIRA, Confluence; **Data Visualization:** Tableau, Matplotlib, seaborn, ggplot;

Python Packages: pandas, numpy, scikit-learn, spacy, Django, flask, justpy, BeautifulSoup, pytorch;

ML Algorithms: SVM, XGBoost, KNN, Random Forest, Time Series; **Advanced Excel:** VLookup, Pivot Tables, Data Table

EXPERIENCE

CITIBANK- GLOBAL FINANCE DATA SERVICES

Tampa, FL

Data Platform Tooling Manager, AVP

June 2022 – Present

- Analyzed 800 billion balance sheet proxy data related to loans, derivatives, deposits, and securities with Python; meet with key stakeholders for root cause analysis, solutions and code changes impacting 50 billion risk, RWA, and liquidity balance; created dynamic dashboards in Tableau to report quarterly to senior management about rolling quarterly global issues and KPI metrics.
- Delivered an automated impact analysis tool that reduces SLA and labor time by 80% and eliminates all manual errors; set milestones to align with business requirements and user stories with key stakeholders and downstream users; prepared 2024 business cases for senior financial approval.
- Created Functional Requirement Documents to ensure reports accuracy and interface functionalities and to standardize a low code application with developers; added 60 missing reports on 5 retail products; led team to validate reports in User Acceptance Testing.

DUKE OFFICE OF INFORMATION TECHNOLOGY: CAPSTONE CONSULTING PROJECT

Durham, NC

Audit, Risk and Compliance Analyst, Student Team Lead

Spring 2022

- Examined 3-year dataset of Duke University faculty PCard spending using Tableau dashboards; advised department seniors forecasts and strategies to reduce operating costs by 15%.
- Developed a robust transaction analysis module in PCard fraud detection with logistic regression to improve PCard compliance and risk procedure, increasing 24.5% accuracy than conventional method.

INSTITUTE FOR CLINICAL AND TRANSLATIONAL RESEARCH (ICTR), Health Science Learning Center

Madison, WI

Data Analyst

Spring 2020

- Implemented an automated data preprocessing pipeline using Python for employee spending reconciliation in eight departments, streamlining data entry procedures and reducing manual errors; saved team over 15 hours per week and significantly improved the accuracy of auditing purposes.

SELECTED PROJECTS

[Flask Stockview Web App \(Python\)](#). Developed a full-stack Flask web application with an intuitive interface for viewing stock performance in the past 18 months, leveraging web design, Matplotlib integration, and multiprocessing; analyzed and processed historical data from Yahoo finance API to identify moving average lines and phased trends to generate a dynamic stock market look and insights on the equity market.

[Analyzing Bike Manufacturer Operations \(Tableau\)](#). Built Tableau dashboards including bar charts, line charts, tree maps, doughnuts, and geographic visualizations, delivering four-year business overview of three product lines, product categories, and customer types across five countries. Analyzed trends in price and cost growth; calculated profit margins by item with discounts, generating potential marketing strategies for discount types and risk management recommendations for supply chain operations.

EDUCATION

DUKE UNIVERSITY, The Fuqua School of Business

Durham, NC

Master of Science in Quantitative Management: Business Analytics, Forensics Track

May 2022

UNIVERSITY OF WISCONSIN, MADISON

Madison, WI

Bachelor of Business Administration in Finance, Investment, and Banking & Information System – GPA 3.6

May 2021

Key Coursework: Decision Analytics & Modeling, Financial Fraud Analytics, Managing Operational and Informational Risks