LEBO SANGO

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Professional Experience

ARCH Capital Management, Inc   **May 2024 – Present**
Investment Management Intern   *Corte Madera, CA*

- Engaged in quantitative finance including systematic trading strategy, Modern Portfolio Theory application,and capital asset pricing model application, sortino and information ratio, black scholes, factor modeling application, Risk management for equities, bonds, and derivative instruments.
- Performed investment analysis utilizing performance metrics to evaluate the soundness of investments by back-testing historical data strategies through leveraged daily rebalance, and leveraged compounded rebalance
- Executed and unified Microsoft Excel and R programming to develop and test trading strategy performance of financial big data.

Nasdaq, Inc   **July 2022 – July 2023**
Index Portfolio Management Analyst   *Rockville, MD*

- Managed the execution and maintenance of an automated internal portfolio benchmark capture in alignment with IOSCO requirements; significantly reduced manual data entry time by 40%, boosting operational productivity and data accuracy.
- Coordinated rigorous testing and successful deployment of new corporate events enhancement plan through Excel.
- Directed the meticulous monitoring of data quality standards, performed daily market downloads, and executed rigorous validation processes utilizing Excel formulas and Bloomberg Terminal; safeguarded the accuracy and reliability of financial data for critical business operations.
- Orchestrated daily and period-end performance calculations using Excel and Bloomberg; enhanced efficiency by 30% and minimized errors in performance reporting for 50+ clients in the financial services sector
- Utilized Excel and Bloomberg in supporting daily and period-end performance and attribution calculation and provided Ad-hoc analysis and reporting to clients.
- Led the initiative to reconcile MTM between Nasdaq and counterparties, highlighting proficiency in financial reconciliation operations; identified and resolved discrepancies, improving accuracy and ensuring alignment between Nasdaq and counterparties.

Nasdaq, Inc   **June 2021 – August 2021**
Market Index Client Intern   *Rockville, MD*

- Engineered proactive client solutions through data-driven insights, facilitating a 25% reduction in customer service response times and a 30% improvement in customer satisfaction metrics, ultimately optimizing decision-making capabilities.
- Executed comprehensive data analysis using Salesforce and Confluence to optimize client responses; reduced resolution time for client inquiries by 40% and improved client satisfaction scores by 25%
- Executed market research to identify customer pain points, leading to a service enhancement that boosted customer satisfaction.

Education

Saint Louis University   **August 2023 – December 2024**
Master of Science in Applied Financial Economics   *GPA 3.8*

Marymount University   **Jan. 2020 – May 2022**
Bachelor of Science in Economics & Mn. in Data Science   *GPA 3.8*

Certificate

- Certified ETF Advisor CETF
- Bloomberg Market Concepts
- Bloomberg Finance Fundamentals
- Bloomberg Environmental Social Governance

Technical Skills

Programming Languages: Python, R, Eviews, SQL, Excel.
Language: French

Work Project

Financial Instrument Validation Process | *Excel, Bloomberg, Aletryx*	**2022-2023**
Corporate Systems Performance | *Excel, SurveyMonkey*	**2022-2023**
Index Training Data Repository | *Excel, Workday,Confluence*	**2022-2023**

Academic Paper

An Empirical Analysis On Cobalt - System Equation 3SLS | *Eviews*	**2024**
Empirical Study On Currency Fluctuation, LIRA Turkey | *R*	**Present**

Additional Information

Book Club Lead Nasdaq	**2023**
Volunteer, Nasdaq Diversity and Inclusion	**2022**
Vice President, All African Student Union	**2018 −2019**
NVCC Soccer	**2017−2018**