**Tolulope Oluwabunmi**

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**EDUCATION**

**Brandeis School of Business and Economics Waltham, MA**

**Candidate for Master of Science in Finance (STEM-Designated)** 08/2025 - 12/2026

**Candidate for Master of Science in Business Analytics (STEM-Designated)** 01/2025 - 12/2026

**CFA Level I Candidate** 11/2025

**University of Ilorin Kwara, Nigeria**

**Bachelor of Science in Finance**, with Distinction10/2018 - 10/2023

**TECHNICAL SKILLS**

**Programming Languages:** Python, SQL, R

**Computer Software:** Advanced Microsoft Excel, Tableau, Power BI

**Analytics:** Data Warehousing, Data Visualization, Predictive Modeling, Financial Analytics

**WORK EXPERIENCE**

**Federal Ministry of Finance Abuja, Nigeria**

**Cash Management (Intern)**11/2023 - 10/2024

* Prepared 20+ disbursement plans monthly to optimize government spending
* Developed monthly cash plans for the cash management committee, ensuring efficient fund allocation
* Enhanced revenue collection processes, driving noticeable increases in revenue generation

**Raytill Nigeria Limited Ogun, Nigeria**

**Intern** 08/2022 - 12/2022

* Communicated with 150+ customers monthly regarding overdue bills, offering tailored payment options to improve collections
* Negotiated payment plans with 100% of customers, leading to the timely settlement of 80% of outstanding balances

**ACADEMIC PROJECTS**

**Massachusetts High Technology Council Massachusetts, USA**

**Field Project (Consulting Project)** 06/2025 - 08/2025

* Collaborated with a cross-functional graduate team to design and deliver interactive data visualizations supporting MHTC’s economic competitiveness strategy
* Developed dashboards using WordPress, TablePress, and Interactive Geo Map, improving accessibility of complex datasets for stakeholders
* Conducted data research, cleaning, and integration from sources such as CNBC and the Tax Foundation, ensuring reliability and accuracy of findings
* Presented insights to MHTC leadership, receiving positive feedback and influencing discussions on state policy initiatives
* Expanded analysis with Tableau Public dashboards, providing actionable insights beyond geographical mapping

**Seoul Bike Demand Forecasting Project | Brandeis School of Business and Economics | 2025**

* Built and diagnosed a multivariate regression model on 8,760 hourly observations of Seoul bike rentals to identify key demand drivers
* Applied statistical techniques in R to evaluate variable significance; model achieved R² = 0.45
* Delivered insights on seasonality, weather effects, and holidays, translated findings into strategic recommendations (fleet allocation, weather-based incentives, seasonal campaigns)

**ACTIVITIES/SKILLS**

**Activities:** Teaching Assistant; Introduction to Probability and Statistics for Business and Economics (08/25-present); Information and Borrowing Assistant Brandeis Library (06/25-present);Data Analytics Club (2025); Society of Women Engineers; CFA Society Boston

**Languages**: English (Fluent), Yoruba (Native)