

Dieynaba Awa Ndiaye

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SKILLS AND CREDENTIALS

Programming: R Studio, Tableau, SQL, Microsoft tools, Python

Mathematics: Calculus (1,2,3), Differential equations, Linear programming, Linear algebra

Certifications: CRLA Level 3

EDUCATION

M.S. Mathematical Finance & Financial Technology Expected January 2023
Boston University, Questrom School of Business Boston, MA

- Coursework: Statistics, Programming (R, Python, C++), Stochastic Methods of Asset Pricing

B.S.B.A. Finance & Business Analytics [GPA 3.88] May 2021
Suffolk University, Sawyer Business School Boston, MA

- Merit award: Magna Cum Laude, Dean's List, Honors Scholar
- Coursework: Big Data Analysis, Fixed Income Securities, Future and Options, Investments, Financial Management, Accounting, Capital Markets, Forecasting

A.A. Mathematics [GPA 3.88] December 2018
Bunker Hill CC Boston, MA

- Merit award: Dean's List, Honors Scholar
- Coursework: Differential Equations, Statistical Computing, Linear algebra, Multivariable Calculus, Probability & Statistics, Ordinary Differential Equations, Calculus (1-2-3)

EXPERIENCE

Finance and Accounting Intern January 2021 - May 2021
Boston Chinatown Neighborhood Center Boston, MA

- Performed monthly reconciliation of Bank Statements
- Developed Project Budgets for large Grant Funding opportunities
- Assisted with preparation for year-end audit and 990 taxes return

Tutor January 2019 - May 2021
Suffolk University Boston, MA

- Tutored 50+ students with the core concepts of mathematics, statistics, forecasting, data analysis and finance

PROJECTS

R-Studio, Applied Predictive analytics January 2021
Suffolk University Boston, MA

- The dataset used contained a list of the 1000 best rated soccer players on the FIFA 21 game. The goal of the project was to determine what variables (age, preferred foot, pace, passing, dribbling, physics etc.) are significant in assessing how good a soccer player is.
- Models used: KNN, LDA, logistic regression, linear regression, decision trees

ADDITIONAL INFORMATION

Languages: French, English

Interests: Painting, Drawing, Japanese Anime