

# OLATUNJI AKINBULE

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Portfolio: <https://akinbule.github.io/> | LinkedIn: <https://www.linkedin.com/in/olatumji-akinbule/>

## OBJECTIVE

A proactive and retentive data analyst actively seeking full-time employment (from December 2019) where I can utilize my analytical and data processing skills to analyze, interpret, predict and obtain insights for driving optimal business decisions.

## EDUCATION

**The George Washington University, School of Engineering and Applied Sciences** **Washington DC, USA**  
Master of Science in Data Analytics, GPA 3.93/4.0 **Expected 12/2019**  
Computer Science Dept. Myron L. Loe Fellowship Endowment Fellowship Recipient

**American University of Nigeria, School of Information Tech. & Computing** **Adamawa, Nigeria**  
Bachelor of Science in Software Engineering, CGPA 3.65/4.0 **12/2012**

**Relevant Coursework:** Applied Machine Learning (**Python**), Programming for Analytics (**Python**), Design and Analysis of Algorithms (**Java**), Discrete Structures, Object Oriented Programming (**Java**), Decision Making with Uncertainty, Operating Systems, Database Design (**SQL**), Probability and Statistics Theories

## SKILLS

**Tools:** Spark, **Python** (Pandas, SKLearn, NLTK), **Web Scraping** (BeautifulSoup), Power BI, **Java**, GIT, R, Advanced Excel (VBA), Command Line, HTML.

**Statistics/Modelling:** **Machine Learning** (SVM, KNN, NLP), **Statistical Analysis** (PCA, Generalized Linear Model, ANOVA), **Financial Modelling** (Financial Derivatives, Investment Portfolio), Data Cleaning and Decision Analysis (**DecisionTools Suite**), Neural Networks (**Tensor Flow, Keras**)

Database Management: **MySQL, MongoDB, AWS, Graph Database** (Arango)

## SELECTED TECHNICAL PROJECT

**Hedging Financial Derivatives** **Washington DC, USA**  
Coursework, Financial Modelling **01/2019 – 05/2019**

- Developed working knowledge of financial markets, options (call, put), forwards, future contracts, Black-Scholes option pricing model and currently investment portfolio allocation and management.
- Implemented object-oriented code to hedge synthetic option contracts distinctly using underlying assets and futures contracts.

## EXPERIENCE

**Cummins, Inc.** **Columbus IN, USA**  
Data Analyst Co-op, Quality Analytics **06/2019 – 08/2019**

- Developed multiple machine learning models (Artificial Neural Network, Decision Trees, Random Forest, Linear Discriminant Analysis, Logistic Regression) for enhancing warranty claim system adjudication rate by 20% to aid quicker claim payment cycle.
- Analyzed and provided recommendations for aggregating Engine Field Performance Analytics parameters into single trend values for Quality Analytics tools (Issue Driver).
- Created Power BI Visualizations depicting cost metric trends per Engine Failure codes for the Quality Integration team.
- Provided programming and machine learning support to Quality team members enrolled in Python courses and the Warranty Quality team's compliance code projects respectively.

**Jumia Nigeria (E-Commerce)** **Lagos, Nigeria**  
Team Lead, Data Management **08/2014 – 10/2016**

- Supported manager, vendors and other departments with large scale data extractions, updates and categorizations using SQL from the data warehouse and business intelligence portal.
- Troubleshot web store challenges for over 400 vendors and 8 departments across the organization within a 24-hour SLA and a weekly completion average of 98%.
- Undertook periodic staff data management training on advanced excel and company's proprietary system.

## LEADERSHIP

**President.** Agape Graduate Christian Fellowship, George Washington University **08/2019 - 12/2019**  
**Vice President.** The George Washington Consulting Club, Washington, D.C. **12/2018 - Present**  
**Volunteer Teacher.** (Physics and Math) Government Science Technical College, Yola **09/2013 - 03/2014**