

# Chiazam Ochiegbu

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**Chiazam Ochiegbu**

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[LinkedIn](#)

## Summary

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I am a vibrant, tech-savvy, self motivated young Engineering graduate with strong analytical, programming and management skills who seeks to obtain a challenging position in a high quality demanding environment where my resourceful experience and great academic skills will add and improve organization's operations and meet set goals.

## Technical Skills:

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- Programming (Python, Javascript, SQL, CSS, HTML)
- Quantitative Methods
- Data Visualization
- Regression Analysis
- Experimental design & analysis
- Tech support
- Data science research method
- Excel
- MS Office Suite
- SQL
- Tableau
- Web Development
- Analytical Skills
- Relational databases
- Statistical Computing Method
- Data Modelling
- Tableau
- Deep Learning
- Machine Learning

## Soft Skills:

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- Critical thinking
- Attention to detail
- Risk assessment
- Training and instructing
- Organization
- Teamwork & collaboration
- Creativity
- Design thinking
- Leadership
- Communication and public speaking
- Clear writing and report writing
- Project management
- Decision-making
- Time management
- Efficiency

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## Education:

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### **Ustacky: Data Science Micro-Degree**

2021

### **Udacity/Microsoft: Machine Learning Nano Degree**

May 2020 – February 2021

### **University of Nigeria, Nsukka / B.Eng, Mechanical Engineering**

October 2012 – June 2017

## Certifications:

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- ✓ Micro Degree in Data Science— Ustacky(On going)
- ✓ Microsoft Azure Machine Learning Engineering Nano Degree— Microsoft
- ✓ Statistics for machine learning— Greatlearning Academy
- ✓ Natural language Processing— Greatlearning Academy
- ✓ Deep learning with python— Greatlearning Academy
- ✓ Computer Vision Essentials— Greatlearning Academy
- ✓ AI with python— Greatlearning Academy
- ✓ Data Analysis for Business— Dataquest
- ✓ The Command Line— Dataquest
- ✓ Data Cleaning in Python— Dataquest
- ✓ Python for Data Visualization— LinkedIn Learning
- ✓ Machine Learning with Scikit-Learn— LinkedIn Learning
- ✓ Supervised Machine Learning with Logistic Regression
- ✓ Python for Machine Learning— GreatLearning Academy
- ✓ Data Visualization Using python— GreatLearning Academy
- ✓ Foundation of Machine Learning— GreatLearning Academy
- ✓ Predictive Modelling with Azure Machine Learning Studio—Project Network
- ✓ Machine Learning Pipelines with Azure ML Studio—Project Network
- ✓ Re-defining customer experience through effective CRM & data analytics— MTN Business
- ✓ Storytelling Through Data Visualization— Dataquest
- ✓ Project Management in Practice— Planning Schedule and Resource Management

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- ✓ Health, Safety and Environment (HSE) Levels 1,2&3—UK HSE Academy
- ✓ Data Visualization with Python— Codecademy
- ✓ Data Science with Python— University of Michigan
- ✓ Design Thinking— Generating Ideas, Stories and Prototypes— NPTEL
- ✓ Project Management Professional—British Project Management Academy
- ✓ Quality Management—UK Project Management Academy
- ✓ Growth Strategy for Business— NPTEL
- ✓ Front-End Web Development with HTML, CSS and JavaScript—PluralSight
- ✓ Python for Data Science— SoloLearn
- ✓ JavaScript— SoloLearn— SoloLearn
- ✓ Machine Learning with Python— SoloLearn
- ✓ Data Visualization with Python—Codecademy
- ✓ Microsoft Excel
- ✓ IT Support and Networking Training—Tranter IT
- ✓ Certificate of Excellence—Arik Air Limited

## Experience:

### Decagon Institute

- ✓ **Python Developer May 2021 to current date**
  - Write and execute python scripts to solve real life problems
  - Performs data wrangling
  - Builds and maintains databases
  - Performs exploratory data analysis and present data insights to management
  - Performs web scraping and analyses data afterwards
  - Builds predictive machine learning models

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### Wema Bank Plc

- ✓ **Data Analyst—August 2020— Current Date**
  - Monitors and analyzes merchant performance
  - Onboard merchants in different payment platforms.
  - Perform backend exploratory data analysis on onboarded merchants, extracts insights regarding performance and advise bank on viability.
  - Engages NIBSS and other stakeholders, makes suggestions for system improvement and follows

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up for implementation.

- Converts data into actionable insights by predicting and modelling future outcomes.
- Builds Predictive models for the business and determine viable merchant for the bank.
- Performs different surveys to gain more insight on operations.
- Builds Linear/logistic regression models to predict business outcomes
- Seeks for possible ways to optimise operations
- Performs Exploratory data analysis on Business data, derives insights and advises businesses.
- Visualizes data to monitor trends
- Holds meetings with the team and different stakeholders to discuss business needs
- Performs Budgeting and forecasting
- Defines business requirements, advises my team and engages necessary stakeholders.
- Produces Reports and make presentations
- Provides end-user support, monitors the system, responds to queries, resolves and escalates issues.

## Arik Air Limited

### ✓ **Maintenance Control Engineer (Technical data analyst ) —November 2019—July 2020.**

- Performed exploratory data analysis on technical data and advise the technical team
- Coordinated Maintenance activities through proper planning guided by key data insights.
- Performed Data Analysis of Aircraft Performance including Engine Condition Trend and Advice Operations.
- Obtained and analyzed technical data to advice operations.
- Designed an Excel dashboard for monitoring Maintenance, Planning and Safety activities.
- Leveraged my proficiency in the use of OASES Software to Generate Reports and made key decisions.
- Properly documented activities.
- Conducted meetings, took minutes and coordinated with other Units and Departments to reach a time saving, safe and cost efficient decisions.
- Conducted risk assessment in all areas of work and implemented necessary measures.
- Conducted safety workshops and trainings for staff.
- Sent periodic safety reports and discussed possible improvements.
- Analyzed Technical Data Using MS Excel and OASES software.
- Performed the role of an
- IT support Engineer.

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## TRANTER IT

- ✓ **IT Support and Networking —July 2019—November 2019**
  - Performed Computer Hardware and Software Support
  - Performed IT Problems Troubleshooting
  - Carried out Physical and Wireless Networking
  - Engaged in several IT Project Management activities

## Arik Air Limited(NYSC)

- ✓ **Maintenance Control Personnel —May 2018—June 2019.**
  - Coordinated Maintenance activities through proper Planning.
  - Obtained and analyzed technical data to advise operations.
  - Proficiency in the use of OASES Software to Generate Reports and make key decisions.
  - Properly documented activities.
  - Analyzed Technical Data Using MS Excel and OASES softwares.

## Projects

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- ✓ Logistic Regression model to determine who is a potential merchant for Wema Bank
- ✓ Used the Adult Income Census data set to train a model to predict an individual's income.
- ✓ Predict flight delays using weather data provided by the US Bureau of Transportation Statistics and the National Oceanic and Atmospheric Association (NOAA).
- ✓ Completed Kaggle projects on Linear Regression and Logistic Regression
- ✓ Operationalizing of machine learning Pipelines
- ✓ Loan Prediction Model using azure auto machine learning
- ✓ Bank Credit Prediction model using Azure machine learning
- ✓ Fraud detection Model Using azure machine learning
- ...and more

## Accomplishments:

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- ✓ Performed market analysis, resulting in a 15% increase in revenue and 20% increase in transaction volume.

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- ✓ Performed data flow improvement and designed template for data visualization for proper reporting
- ✓ Decreased costs by 17% by building model which predicts which business to deploy terminals (POS) to.
- ✓ Performed exploratory data analysis (EDA) on some newly deployed payment technologies and predicted their viabilities.
- ✓ Performed EDA on aircraft engine data and discovered performance trend, the advised engineers for immediate safety proceedings.
- ✓ Created a dashboard to monitor and visualize aircraft data.  
...and more

## Referees

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**Available on request**