

# Engr. Dape Alexander

DATA ANALYST

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## EDUCATION

Computer Engineering |  
2018 - 2025

Federal University of  
Technology, Minna.  
Minna, Niger State.

## SKILLS

### • Soft Skills:

Communication,  
Problem Solving,  
Time Management.  
Decision Making,  
Team Oriented.

### • Python:

Data science/analytics  
packages such as  
pandas, numpy, scipy,  
scikit-learn, e.t.c.

### • SQL:

Filtering and sorting  
tables using queries.

### • MS Power BI:

Creating resourceful  
and insightful  
dashboards and  
reports.

## CERTIFICATES

### Freecodecamp:

Data analysis with python

### Datacamp:

Data analysis with python

## Languages

English  
Hausa

## EXPERIENCE

### Jekaeat

Sept 2023 – Present

- Designed a dashboard for to ease up data analysis for gathering insights.
- Transaction, Delivery and User activity analysis in order to aid the team make decisions on marketing and other areas.

### Freelance Contractor

Sept 2024

- Trained an LSTM model on collected stock price data on NVIDIA to predict the next stock price and evaluated its performance and looked into several optimization algorithms to improve performance.

July 2024 – Sept 2024

- Analyzed HIV patient treatment data to uncover trends and common underlying factors.
- Trained and deployed a model for the prediction of treatment response in HIV patients, predicting both Viral Load and CD4 count of patients.

March 2023 – May 2023

- Conducted a campus survey.
- Used the data from the survey to perform qualitative and sentimental analysis on students' opinions about factors leading to low performance in school.

## PROJECTS

### Detection of COVID-19 from Chest X-Rays and CT Scans

Predicting if the lungs in an x-ray have Covid -19 using the dataset developed by researchers of Qatar university (COVID-QU-EX) to finetune VGG16 and ResNet50 with an accuracy of 0.94 and 0.93 respectively.

### Breast Cancer Malignancy Detector

Obtained data on quantitative characteristics of several malignant and benign breast tumors, cleaned the data, and trained a model to predict if a tumor is malignant or benign from the input parameters and deployed the model as a web app.

### Disease Predictor

Trained an ai model to be able to predict what ailment is afflicting a patient after the patient has selected from the list of symptoms.