

# CELDRICK NDZE KUTA

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Data enthusiast with good collaborative and communication skills seeking a position in a distinguish organization.

## EDUCATION

### Illinois State University

MSc. in Applied Statistics

May 2021

Normal, Illinois

### University of Yaoundé

MSc. in Computer Science

June 2016

Yaoundé, Cameroon

- Relevant Coursework: SQL Database, System Programming, Computer Architecture, Linear Models, AWS SSA, Big Data, Data Structures, Design of Experiment, Linux OS.

## SKILLS

Languages: Python, R, SQL, Git, Linux, HTML5, CSS, L<sup>A</sup>T<sub>E</sub>X, SAS, Java

Soft Skills: Machine Learning, Feature Engineering, Parameter Tuning, Cross Validation, AWS SAA.

Data Analytics: Data Cleaning , Manipulation , Data Scraping , Data Visualization , Design of Experiments.

Others: Scikit-learn, statsmodels, XGBoost, Matplotlib, ggplot2, Plotly, dplyr, Pandas, Hadoop-MapReduce.

## EXPERIENCE

### IBM Gts Remote Office

Jan 2021 – Present

Data Analyst

Houston, TX

- Developed individual reports and designed the final dashboards to visualize infrastructure related incidents and jobs to meet their requirements.
- Build a relational data model , to compare regional performance , analyze product level trends and forecasts.

### AIG

Feb 2018 – Dec 2020

SQL Server DBA

Houston, Texas

- Monitored and administered SQL Instances on standalone servers and Cluster environment.
- Setup and managed a MySQL server database to store match statistics for extensive querying involving multiple joins between tables and schemas.
- Strong experience in Database Optimization and Tuning, Backup/Restore, Troubleshooting, and Data Import/Export.
- Updated database systems by reviewing, planning, testing and installing database security patches and service packs.
- Analyzed and defined capacity planning for maintenance of the different Database Backups and Restore scenarios .

### AFRICSIS

May 2014 – Oct 2017

Linux System Administrator

Yaoundé, Cameroon

- Created an automated process using bash shell scripts to perform user/group administration, file/directory security, authentication and access management to make sure users and groups have the right permission.
- Performed system hardening with the use of shell scripts to upgrade the kernel version of most Dev servers, to ensure that the kernel version was up to date and bug free.
- Orchestrated system monitoring through the use of CLI commands such as “top,ps” to help manage processes and application usage which in return helped us anticipate a decrease in system crash by 5%.
- Scheduled daily and weekly backups to improve systems recovery after a crash to ensure that there is never a massive loss of vital information in the process.

## ACADEMIC PROJECTS

### Covid-19 Mortality and Confirmed Cases | R-Studio, Tableau

May 2021

- Developed a Multinomial Logistics Regression model using R-studio and Tableau to identify determinants for the number of confirmed Covid-19 cases.

**Key Skills:** Multi Linear Regression, tidyverser, caret, dplyr, lmtest, ggcorrplot.

### Travel Package Prediction | Python, Excel

May 2020

- Predict which customer is more likely to purchase the newly introduce travel package from a travel company using ML algorithms ensemble techniques with sufficiently large observations elaborating on most significant variables.

**Key Skills:** Logistic Regression, Bagging, Boosting, Decision Tree, Random Forest, K-means.

### Churn Analysis for Streaming App | Python

March 2019

- Used ML Techniques in Python to predict customer who will renew subscription in coming year or not in a service-providing company. Handling of class imbalance and feature selection further training the model on sufficiently large amount of observations.

**Key Skills:** Logistic Regression, numpy, pandas, seaborn, sklearn, imblearn, pickle, satsmodel

## CERTIFICATIONS

- IBM Data Science Professional
- AWS SAA
- IFOA course CT 1 and CT2.2018.
- Power BI
- Society of Actuary Exam P/1. passed

## LEADERSHIP / EXTRACURRICULAR

- Volunteering at MidWest Food Bank Bloomington-Normal, IL. Loading food transport vans and Trucks. **July 2021**
- Successfully helped and trained class of 25 orphans with disabilities in Wum to Learn basic computer skills like MS word and MS excel. **August 2016**
- Achieved a 4 star fraternity ranking by the Office of Fraternity and Sorority Affairs-University of Yaoundé (highest possible ranking). **Dec 2015**