Celdrick Ndze Kuta
1579 Kamp Springs Ave, Lawrenceville GA

📞 309-989-0419 ✉ Email in LinkedIn Link ⚙ GitHub Link 🐦 Twitter Link

Data scientist with 4+ years of data experience executing data driven solutions to increase efficiency, accuracy, and reliability.

EDUCATION

Illinois State University **May 2021**
MSc. in Applied Statistics *Normal, Illinois*
University of Yaoundé **June 2016**
MSc. in Computer Science *Yaoundé, Cameroon*
University of Buea **Fall 2010**
BSc. Major in Mathematics/Minor in Computer Science *Buea, Cameroon*

SKILLS

Languages: Python, R, SQL, Git, Bash Scripting, HTML5, CSS, LaTeX, SAS, Java, Github
Soft Skills: Machine Learning, Feature Engineering, Parameter Tuning, Deep Learning, Data Collection, Power BI.
Data Analytics: Data Cleaning , Manipulation , Data Scraping , Data Visualization , Design of Experiments.
Others: Scikit-learn, statsmodels, XGBoost, Matplotlib, ggplot2, Plotly, dplyr, Pandas, Hadoop-MapReduce, Folium, Plotly.

EXPERIENCE

Client: AIG **April 2019 – Dec 2021**
Data Analyst-Power BI *Houston, Texas*
- Designed and deliver and end-to-end business intelligent solution for individual reports and designed the final dashboards to track core KPI's, compare regional performance, analyze the product-level trends and forecasts, and identify high-value customers.
- Build a relational data model with calculated DAX measures for easy automation and scalability.

Machine Learning-Python

- Involved in classification techniques with ensemble algorithms to predict Insurance Claims severity, achieving 30% more accurate prediction of performance than previous years.
- Performed Exploratory data analysis, Class imbalance and Dimensionality Reduction while performing the machine learning algorithm .

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.

OTHER PROJECTS

Covid-19 Mortality and Confirmed Cases | *R-Studio, Tableau* **May 2021**
- Developed a multinomial 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
- Power BI
- AWS SAA
- Society of Actuary Exam P/1. passed
- IFOA course CT 1 and CT2.2018.

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**