TOBEL EZEOKOLI

+1(312)-576-0516 | tobel.ezeokoli@gmail.com | linkedin.com/in/tobel-eze-okoli | github.com/tobelum

EDUCATION

University of Chicago — Chicago, IL
Masters of Science in Data Analytics — Aug 2018 – Present
GPA: 3.87/4.0 | Expected graduation date: Mar 2020
- Recipient, University of Chicago Full Tuition Scholarship
- 2019 Forbes 30 Under 30 Scholar
- Organizations: Society of Women Engineers, National Society of Black Engineers, Data Science Association

Ashesi University — Berekuso, Ghana
Bachelor of Science in Management Information Systems — Sep 2013 – Jun 2017
GPA: 3.75/4.0 | First Class Honors (Magna Cum Laude)
- Dean's List 2013 – 2017
- Study Abroad Exchange Program; Macalester College, St. Paul MN, USA (Fall 2015)

SKILLS

- Programming Languages: Python, R, SQL, Spark, Hive, PHP, HTML, JavaScript
- Software: Tableau, Google Cloud Platform, Git, SQL Workbench, Jupyter Notebooks, Hadoop
- Interests: Machine Learning, Data Visualization, Natural Language Processing, Marketing Analytics

RELEVANT EXPERIENCE

University of Chicago Graham School — Chicago, IL
Data Mining Teaching Assistant (Part-time) — Sept 2019 – Present
- Educate students on how to implement and validate statistical & machine learning concepts (using Python & R)
- Grade assignments and communicate useful feedback to over 60 graduate students in the MSc. Analytics program
- Work with faculty to design weekly class material; on Data Mining, Wrangling and Modelling techniques
- Teach unsupervised and supervised Machine Learning algorithms such as KMeans, Support Vector Machines, Gradient Boosting Machines, Decision Trees and Random Forests to students with diverse backgrounds

Kraft Heinz Corporation — Chicago, IL
Data Science Consultant — Apr 2019 – Mar 2020
- Developed an analytical tool that informs the Human Resources team's hiring efforts to target the job market
- Built Machine Learning models and Deep Learning Neural Networks to predict how long it takes to fill a job role
- Aggregated data from both internal & external sources to extract over 100 features which define various job roles
- Applied unsupervised learning method to cluster over 2000 unique job titles based on these features using Python
- Validated models using K-fold cross-validation to ensure that models do not overfit and produce good predictions
- Assigned a difficulty score to each job position to enable the hiring team to allocate resources effectively

University of Chicago Booth School of Business — Chicago, IL
Research Assistant — June – Sept 2019
- Built business domain knowledge by collating both quantitative and qualitative data for over 500 companies' Corporate Social Responsibility activities in the years 2017 and 2018 spanning across 30 unique industries
- Carried out analytical studies to understand the business impact of S&P 500 companies' sustainability activities
- Worked independently to analyze the data using Excel and created data visualization dashboards using Tableau
- Collaborated with researchers to build an appropriate and consistent database for Booth faculty and students
- Analyzed effects of company actions and policies on the success of the company and reported findings to faculty

Jetlink — Lagos, Nigeria
Business Analyst — Jan – Jul 2018
- Conducted exploratory analysis for IT firm using Excel and SQL to provide data-driven insights on potential suppliers and clients which was expected to increase the firm's annual revenue by 5%
- Worked with different business units and senior management to define Key Performance Indicators and built dashboards to monitor the performance of the firm using these KPI's
- Developed monthly report of company's performance and presented recommendations to the executive managers