

KEHINDE ELELU

Address: 192 Campus Drive, Clemson, South Carolina, USA.

Mobile: (+1) 864-533-7669

LinkedIn: [linkedin.com/in/kehinde-elelu-737242170/](https://www.linkedin.com/in/kehinde-elelu-737242170/)

Email: kelelu@g.clemson.edu

EDUCATION

Clemson University (Ph.D. Construction Automation) August 2021 - Ongoing

★ Performed Deep Learning analysis using Convolutional Neural Networks (CNNs) on Machines Sounds

- <https://github.com/ELELUABDULSALAM/CNN-machine-sound-classification.git>

★ Build a Mobile Android Application to Detect the Probability of Sound Categories.

★ Sound Localization with Raspberry Pi 4 and Respeaker to Determine the Direction of Arrival (DOA)

- <https://github.com/ELELUABDULSALAM/DOA-Sound-Simulation>

★ Analysed road accident report for an Highway using Association Rule in R

- <https://github.com/ELELUABDULSALAM/road-accident-association-rule>

★ Build a KNN regression model that predicts the number of taxi pick-ups in New York City at any time of the day.

★ Forecasting Bike-sharing usage using a regression model to help determine the hourly demand.

★ Cancer classification from gene using logistic regression to distinguish between two related classes of cancer (Acute Lymphoblastic and Acute myeloid).

- <https://github.com/ELELUABDULSALAM/ML-project>

★ Build a visualization for construction data that gives information about project duration and time spent.

University of Ilorin (B.Eng. Civil Engineering) Year completed: 2018

- Grade:- First Class Honors.

WORK EXPERIENCE

Guaranty Trust Bank. January 2019 – August 2021

Job Title: Software Engineer

- Developed a messaging and purchasing platform for a fintech that sent out over 2 million SMS and Emails every day, employing NodeJS and AWS Lambda cloud infrastructure.
- Develop a React Application that gives a dashboard of a real-time daily statistic for SMS, Email, Airtime, and Bundle purchase.
- Developed dashboards for internal executives, board members, and divisional heads that measured and reported key performance indicators.
- Developed ExpressJS based API (RESTful Web Service) using MySQL's database.
- Design the laptop portal, which generates over a 100million in revenue and still counting using software: Node JS (back-end), React JS (front-end), and MySQL.

LEADERSHIP AND VOLUNTEER EXPERIENCE

AI Saturday February 2020– June 2020

Job Title: Data Analyst

- Perform multivariate analysis, predictive modeling, cluster, market basket analysis using python.

Independent National Electoral Commission (INEC), Election. March 2019

Job Title: Presiding Officer (Ad-hoc staff)

- Coordinated the collection and submission of sensitive materials.
- Ensured the election was conducted in a free and fair manner.

Community Base Development Programs (COBES), Unilorin. September 2017

Job Title: Group co-ordinator

- Organized, monitored, and supervise daily activities.
- Orientate the communities on good environmental sanitation.

SKILLS AND SOFTWARE

Software Skills: TensorFlow, Matplotlib, Scikit-learn, NumPy, Python, SQL, React, Node, Express JS, Git, and AWS.

Engineering skills: Computer-Aided Design (CAD) and Revit.