# PROFESSIONAL SUMMARY

I am self-motivated and detail-oriented with strong analytical and communication skills. A Data enthusiast with strong business acumen. Working as a Data Analyst with a demonstrated history of working with data collection, data processing, data visualization, and model development to solve business problems for stakeholders.

# TECHNICAL SKILLS

**Data Visualization:** Power BI, Tableau, Plotly, Seaborn **Database System:** PostgreSQL, MySQL **Microsoft Office:** Access, Excel, Word, PowerPoint **Programming:** Python, Linux/Bash **Machine Learning:** Sckit-learn, Tensorflow, Keras. **Big Data:** Hadoop System (MapReduce, Pig, Apache Spark etc) **Cloud Computing:** GCP, Heroku, Streamlite, AWS, Docker **Statistical Analysis:** Distribution, Hypothesis Testing, Regression, Classification, Clustering, Validation

* Excellent communicator with great interpersonal, oral and written skills
* Fast learner with the ability to adapt new technologies and skills independently
* Reliable team member gained trust by completing tasks on time, and contributing expertise to the team
* Result-driven problem solver, enjoy the process of finding detailed insights behind a large dataset

# EXPERIENCE

**ONLINE Data Analyst | Telus AI International** May 2022 - Present

*Client: Google*

* Analyzing Data to improving technology(models) and the digital experiences of users.
* Working on AI training platform handling all data types (text, images, audio, video and geo) across 500+ languages and dialects
* Design pipelines for data preprocessing.

**Data Analyst | Freelance** June 2021 – Till date

* Managed Data modeling and large-scale data processing projects for agency clients.
* Data collection (scraping with beautiful soup and selenium) and modeling using Python and power BI

tools for visual reporting.

* Design pipelines for data preprocessing, modelling and hyperparameter tuning.
* Develop, train, and deploy Data Products with Google Cloud Platform

**Product Quality Analyst | Nextrusion** Aug 2020 - June 2021

* Obtain and analyze data regarding the machines
* Use obtained data to Investigate the cause of breakdowns, make minor repairs (if necessary) to the equipment

**Product Analyst | ATICG** Jan 2016 - Sept 2018

* Analyzed high volumes of sales and supply data using SQL queries to pull data and python for optimization
* Lead a team of data analysts and marketing specialists to launch data-driven initiatives to support product development and create strategic campaigns and launch new business development projects
* Supported product and business development teams by analyzing target markets and partner engagements

# PROJECTS

## Waste Assist Classification

* Material mismatches and incorrect input cause expensive delays at sorting and processing facilities
* This project is to help people classify their waste to improve residential waste sorting and also reduce material contamination, also using object detection models to optimize the process in recycling facilities for waste sorting.
* Design an app for waste classification and detection using convolutional neural network(CNN) and transfer learning. <https://wasteassist.herokuapp.com/>
* A transfer learning with ResNet152V2 of 152 layers and around 58 million pre-trained parameters. Test accuracy of 84% without any adjustments. <https://github.com/Oluwachidi/waste-assist>
* Using pretrained YOLOv5 for real time object detection.

## Houses-Price-Prediction

* Advanced Regression techniques that Predict sales prices. https://github.com/Oluwachidi/Houses-Price-Prediction
* Build a baseline model and develop a pipeline for Preprocessing
* Use sklearn's feature selection tools directly in the pipeline to remove the least interesting features, to limit overfitting and shorten training time.
* The objective is to minimize the RMSLE so I transformed (i.e Target engineering) my target(y) to directly predict its log (y\_log)
* Iterate through different models (e.g linear models, KNN, SVM, Trees, Random Forest, XGBOST etc)
* Using Neural Networks to optimize the best model above.
* The model provided insightful marketing recommendations on the loyalty customer identification

## Credit\_Card\_Fraud\_Detection. https://github.com/Oluwachidi/Credit\_Card\_Fraud\_Detection

* This project was designed to enable credit card companies to detect fraudulent transactions.
* Built a Neural Network system with over 1,600 trainable parameters to develop an optimized model for predicting probability of fraudulent transaction.
* The imbalanced dataset is rebalanced with plain numpy functions and splited into Train/Val/Test splits

## TaxiFareWebsite

* To build a model to predict taxi fare prices. https://github.com/Oluwachidi/TaxiFareWebsite
* Build a predictive API with FastAPI then Mount the API in a Docker container finally Deploy the API on Google Cloud Run to make prediction in production
* Use the power of the cloud computing to train the model on a very large dataset with Google Colab and AI platform.
* Use streamlit to create the website and plug it to our **Prediction API** in order to allow regular users to make prediction.

# EDUCATION

Lewagon Montreal May 2021

## Data Science and Analytics Diploma

Federal University of Technology Akure January 2012 – Sept. 2015

**Mechanical Engineering PostGraduate Degree**