

SOLOMON MUOGHARA

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EDUCATION

National Open University of Nigeria.	Abuja, Nigeria
Bachelor Of Science (HONORS) - Computer Science.	January 2020 - February 2024

SKILLS SUMMARY

- Languages :** Python, C, Dart, SQL, JavaScript, CSS, HTML
- Frameworks :** Flask, Django, Pandas, Numpy, Matplotlib, BS4, Sci-kit Learn, Tensorflow, Pygame, Tkinter, Flutter, React
- Tools :** SQLAlchemy, SQLite, MySQL, Postgres, PowerBi, Tableau, CLIs, Git, Bootstrap, Microsoft Office, API, DBMS
- Platforms :** Python IDE, Pydriod3, Sublime Text, Git, Jupyter Notebook, Visual Studio Code
- Soft Skills :** Agile, Object Oriented Programming, People and Resource Management, Report Building and Writing

WORK EXPERIENCE

FULL STACK DEVELOPER (INSTRUCTOR) APTECH LEARNING	September 2024 - Present
<ul style="list-style-type: none">Tutorials and projects on web and app development using HTML, JavaScript, CSS, Django, Flask, React, FlutterTutorials on algorithm design and backend software development using Python, Dart, C, JavaScript	
TECHNICIAN CALLISTRIO ICT ENGINEERING	May 2023 - October 2023
<ul style="list-style-type: none">CCTV and Network hardware installation and system configurations, maintenance and upgrade.Fire Emergency System hardware installations and system configurations, maintenance and upgrade.	
PRIVATE PROGRAMMING TUTOR FREELANCE/SELF EMPLOYED	December 2022 - April 2023
<ul style="list-style-type: none">Tutorials on Python programming language basics, SQL, SQLAlchemy basic query commands and clauses. Model designing.Tutorials on web development, HTML, Bootstrap CSS classes and JavaScript, Flask and Django.	
DATA ANALYST AND SCIENTIST FREELANCE/SELF EMPLOYED	September 2022 – Sept. 2024
<ul style="list-style-type: none">Collaborating with researchers, developers and Scientist in data generation, cleaning and standardization.Participating in paid freelancing bounty programs on price changes linear regression and bank marketing logistics regression.	
SOFTWARE AND WEBSITE DEVELOPER FREELANCE/SELF EMPLOYED	May 2021 - September 2024
<ul style="list-style-type: none">Collaborating with developers in quality assurance tests on their website and software projects.Sole developing Treasurestone E-learning website for Treasure Stone Academic Private Schools.	

PROJECTS

Exploratory Analysis on Ford GoBike System - Performing exploratory analysis on the Ford GoBike System data.
Data Wrangling on WeRateDogs Twitter Page - Using Twitter API to generate data from a Twitter page to perform data analysis.
Data Wrangling on TMDb Movies - Using Web Scraping to generate data from the TMDb Movies website to perform data analysis.
Price Changes Linear Regression - Using machine learning algorithms calculate linear regression and make future predictions of prices.
Bank Marketing Logistics Regression - Using machine learning algorithms to perform logistics regression for a bounty on Stackup.
Search Server - I was able to develop a search server that can perform query search of strings with over a million lines under 0.15s.
Chat App - Using Flask, I was able to develop a messaging app that registers users and require a user login to begin user to user chat.
MP3 PLAYER - Using pygame and Tkinter to develop an mp3 player software that works with screen touch and selection navigation.
Treasurestone E-learning - Using Flask to develop an e-learning website that includes CBT, results printing, file upload and download.
MealOrdering – Using Flask to develop a website for restaurant menu setup and display, user registration, and meal ordering.
PDF Merger App - Using a PDF library in Python and Tkinter GUI to create an app that merges multiple PDF files to one.

CERTIFICATIONS AND COURSES

ALX-T Data Analyst. Udacity/ALX Certificate	July 2022 - September 2022
AWS Machine Learning Foundation 2022. Udacity/AWS Certificate	July 2022 - September 2022
Course - Machine Learning Udacity	2022
Course - Linux Command Line Basics Udacity	2022
Course - Intro To Data Analysis Udacity	2022
Course - Version Control With Git Udacity	2022