

# TAIWO OWOSENI

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## Education

**Master of Data Science**/University of British Columbia, Vancouver, BC, Canada.

**Graduation date: June 2022**

**Relevant courses:** Machine Learning Algorithms, Data Analytics, Inferential statistics, Data Visualisation, Software Development, Database retrieval.

**Bachelor of Technology, Computer Science**/Federal University of Technology, Akure, Nigeria

**Graduation date: October 2018**

**Relevant courses:** Database Management, Compiler construct, Fault tolerance computing, Computer Networks, Data Structures and Algorithms.

## Experience

**FEB 2022 – APRIL 2022**

**Graduate Teaching Assistant** - Department of Computer Science, University of British Columbia

**GTA for CSPC 368 – Database in Data Science**

- Explained terminologies and database concepts to student which led to engaging Question and Answer sessions on slack group chat.
- Graded students' assignments.

**MAY 2021 – SEP 2021**

**Open-Source Contributor** - SKtime

**A unified framework for machine learning with time series**

- Refactored existing forecaster classes and the base class forecaster to eliminate redundant code using python. This improved new users' interaction with the Sktime library and eased the extension of the Sktime library.
- Participated in community planning and organized events for the community's Dev week. This led to the involvement of two new active contributors.

**SEP 2020 – MAY 2021**

**Junior BI Operation** - Airtel Nigeria

**Airtel is a leading global telecommunications company in 18 countries across Asia and Africa.**

- I developed SQL scripts to investigate and verify customers' profile that aided in the identification of suspected terrorist popularly known as Boko Haram in Nigeria.
- Developed Power BI reports on technical issues and tickets raised in the organization by staff this identified issues that took longer time to resolve and sped them or escalated when appropriate which in-turn lead to the reduction of issues pending and unresolved in the organization by 50 percent at the end of the first month.

**JUN 2020 – SEP 2021**

**Data Analyst** - OneHealth Nigeria

**Onehealth Nigeria is a Nigerian digital-first pharmacy for quality medicines and healthcare services.**

- I identified top customers buying patterns and proposed to the pharmacist the creation of a program to engage these customers and thereby increasing sales. This program was later named by the CEO "Wellness Club". It boosted sales by 20 percent.

## Volunteer

**MAR 2022**

**FIRST INSPIRE**- Referee

**A global robotics community preparing young people for the future**

- I recorded the teams score and observed the match to penalise and warn team mates according to the FIRST's referee's manual.

**MAR 2022**

**Muslim Student Association, UBC** - Volunteer

**A community of Muslims in UBC**

- I organized iftar (dinner) with other volunteers and ensured students did not stay on the waiting line for too long by working efficiently to distribute foods.

## Skills & Technologies

- Docker • Python • SQL • Power BI • Version Control: GIT
- R • Team player • AWS • Data analytics • Report Writing

## Projects

**Statistics: Smart AD AB Testing**

[View Project](#)

An A/B testing on ad click through rate. The primary aim is to compare user interactions with the bio questionnaire to determine which interaction statistically improves CTR.

**Data Visualization: Netflix Dash board**

[View Project](#)

A dashboard app to visualize Netflix shows (30s to load).

**Machine Learning: Feature Interpretation and Analysis**

[View Project](#)

Interpret and analysis the importance of features of the pumpkin seed data set across three machine learning algorithms.

## Awards & Certifications

- UBC Mastercard Foundation Scholar **2020**
- Abdul-Kabir Aliu Foundation Scholar **2015 -2018**
- Microsoft Leap Hackathon **2019**
- SQL for Data Science **2020**
- AWS Certified Developer – Associate (In view)
- AWS Certified Cloud Practitioner (In view)

## Interests

- Machine Learning
- Research
- Ethical AI
- Robotics
- Computer Vision
- Bicycling
- Painting