TAIWO OWOSENI

LINKS: [WEBSITE](#) | [GITHUB](#) | [LINKEDIN](#) | [EMAIL](#)

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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, Complier 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 students, leading to engaging Question and Answer sessions on slack group chat.
- Provided meaningful direction and direct feedback for student work and projects

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.

- Developed SQL scripts to investigate and verify customers' profiles. To aid in the identification of suspected terrorists popularly known as Boko Haram in Nigeria.
- Developed Power BI reports on technical issues and tickets to identify tickets that took a long time to resolve. It reduced the pending and unresolved tickets by 50 percent at the end of the first month.

JUN 2020 – SEP 2020
Data Analyst - OneHealth Nigeria
Onehealth Nigeria is a digital-first pharmacy for quality medicines and healthcare services.

- Identified top customers' buying patterns and proposed to the pharmacist the creation of a program to engage these customers and increase sales. This initiative was later named by the CEO "Wellness Club". It boosted sales by 20 percent.

Volunteer

FEB 2022
FIRST ROBOTICS- Referee
A global robotics community preparing young people for the future

- Recorded the teams' scores and observed the match to penalize and warn teammates according to the FIRST's referee's manual.
- Constantly reminded the team members to embody the FIRST "Gracious Professionalism" ethos.

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 wait too long by working efficiently to distribute food.

Skills & Technologies

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

Projects

Statistics: Smart AD AB Testing
[View Project](#)

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 analyze 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