ORINA TOLULOPE
Solutions Architect, AWS Certified

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Junior data scientist with 1+ years of experience in project work and team collaboration. Project Lead in building a fake news detection application at HAMOYE AI labs, by using Natural Language Processing techniques. Skilled in machine learning, statistics, data visualization and analysis, web development, problem solving and programming.

PROFESSIONAL DEVELOPMENT

Amazon Web Services – *Solutions Architect Associate*

May 25, 2022
- Relevant courses include:
  a) Cloud Compute
  b) AWS Networking: VPCs, Subnets
  c) Cloud Storage: S3, EFS, FSx
  d) Cloud Databases: Dynamo DB, RDS
  e) Security, Analytics, Serverless and more
- Sample Project of Static Website Hosted on S3: http://irom.com.s3-website-us-east-1.amazonaws.com/

Verifiable at: https://aws.amazon.com/verification
Validation number: 5DGMDCPJFMQ41HSJ

IBM - *Business Intelligence with ETL and Data Warehousing*

May 29, 2022
- Relevant courses include:
  a) ETL and Data Pipelines with Airflow and Kafka
  b) Data Warehousing and BI Analytics with IBM Cognos Analytics
  c) Linux and Shell Scripting
- Analysis of Waste for a Waste Disposal Company Project

Verifiable at: https://coursera.org/verify/specialization/A6RB7DZ5CF7N

Coursera – *AI in Healthcare Specialization (Stanford University)*

February 11, 2022
- Relevant courses include:
  a) Evaluations of Artificial Intelligence (AI) Applications in Healthcare
  b) Fundamentals of Machine Learning for Healthcare
- AI in Healthcare Capstone Project

DataCamp – *Data Scientist Professional Certificate*

September 21, 2021   @datacamp.org
- Relevant courses:
  a) Data Manipulation and Visualization using NumPy, Pandas, Seaborn, Matplotlib libraries.
  b) Supervised Machine Learning.
  c) Unsupervised Machine Learning.

Verifiable at: https://www.datacamp.com/certificate/DS0016200260535

Coursera – *IBM Data Analyst Professional Certificate*

July 8th 2021
- Relevant Courses:
  a) Data analysis with python
  b) Data Visualization with python
  c) Python for Data Science, AI and Development

Verifiable at: https://coursera.org/verify/44X6SXHJ7Q8H

FreeCodeCamp – *Responsive Web Design*

March, 2021   @freecodecamp.org
- Relevant courses: HTML and CSS

PROJECTS

Human Resource (HR) Analytics

- Data driven prediction of employee liable to churn.
- Recommend ways to tackle employee churn based on insights derived from analysis.

Fake News Detection
- Team APACHE Capstone Project: using kaggle's fake news twitter dataset.
- Tested for deployment use case with streamlit.

Car Price Prediction and Inference
- Developed a predictive model to forecast Toyota Car Prices within a Prediction error range of 1500.
- Car pricing notebook and powerpoint at https://github.com/Tolu-Orina/Personal_projects.

Sea Level Predictor

- Used scipy's linregress to predict Sea level data from different datetimes including; predicting with trends from1886 and then with trends from 2000.

Page Views Time Series Visualizer
- Used matplotlib and seaborn to visually examine data of a web page views across time.

Medical Data Visualizer
- Visualizing and drawing inferences from a data of patients' medical report to determine correlation of specific features with disease conditions. e.g., relation of BMI to cardiovascular disease, using libraries such as matplotlib and seaborn.

Demographic Data Analyzer
- Used relevant skills of pandas to manipulate data and gather actionable insights from a cross country demographic data.

Median-Variance-Standard Deviation Calculator
- Built a simple arithmetic calculator using numpy library of python that shows, the mean, std and variance of a list of 9 numbers across respective axis when changed to 3 x 3 nd-array.

House Price Prediction
- Perform Linear Regression Analysis predicting the median housing price and come up with a model that best fits the data and makes optimum prediction with reasonable accuracy.

Emerging Technologies Trends Analysis
- Analyze Data from StackOverflow and github to help identify trends for emerging technologies.

Survival Analysis of Titanic Dataset
- Classification task predicting survival in Titanic disaster.

EXPERIENCE

HAMOYE – *Data Science Intern*
AUG 2021 – OCT 2021   Remote
- Learning more on the concepts and implementations of data science to real world use cases.
- Worked in a team on two projects – Ethereum Price (Time Series) Prediction & Fake news Detection applications.

BINCOM – *Python Programmer Intern*
APRIL 2021 – JUN 2021   Remote
- Learnt basics of python programming language, and then some advanced concepts including Object oriented programming
- Worked on different beginner projects and then on building and deploying a Django website.

BEAU PHARMACY - *Locum Pharmacist*
NOV 2020 - JAN 2021   Lagos, Nigeria
- Stock and Inventory control in the Pharmacy to ensure availability and integrity.
- Provision of Pharmaceutical care in the community setting.
- Participation in a community health screening in collaboration with other Health care Professionals

- Responsible filling of Patients Prescriptions.

NAFDAC - *Intern Pharmacist*

NOV 2019 - OCT 2020   Lagos, Nigeria
- Inspection and Vetting of Finished Pharmaceutical Products (FPP) samples
- Electronic filling of Product details into the Agency's Laboratory Software(e-LAB)
- Sending of Batches of Drug and Herbal FPPs to the Laboratory for Analysis
- Collation of Laboratory reports of FPPs brought earlier into the electronic system
- Preparation of Monthly Meeting Schedules of Satisfactory FPPs for Directorate's Approval

EDUCATION

DataCamp Professional Program for Data Science and Data Engineering

September 21, 2021 – till Date   @datacamp.org
- Relevant courses: Data Manipulation and Visualization using NumPy, Pandas, Seaborn, Matplotlib libraries, Supervised Machine Learning, Unsupervised Machine Learning.
- Completed all 23 courses required for Machine Learning.
- Completed a project that leverages Data Science for car pricing at an automobile dealership.

University of Lagos – *B.Pharm in Pharmacy*

September 2013 – May 2019   Lagos, Nigeria
Cumulative GPA: 3.84
- Relevant courses: Pharmacoeconomics; Health Economics, Cost-Effectiveness Analysis, Outcomes Research, Economic Evaluation.

CERTIFICATION HIGHLIGHT

- DataCamp - Certified Data Scientist
- AWS - Certified Cloud Practitioner
- AWS -Solutions Architect Associate

SKILLS

- Ability to work in a team
- Cloud and DevOps Culture: AWS, IBM
- Programming: Python, SQL, R, Tableau
- Data Manipulation and Exploration: Pandas, Matplotlib, Seaborn
- Data analysis with PostgreSQL
- Data Engineering and Pipelining: Apache Airflow, Apache Kafka
- Modeling:

- Supervised Learning: linear and logistic regression, decision trees, Support Vector Machines
- Unsupervised Learning: k-means clustering, principal component analysis
- Deep Learning with TensorFlow and PyTorch
- Computer Vision
- Recommender Systems
- Natural Language Processing with NLTK and other libraries