

AFOLABI CARDOSO

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SUMMARY

Data Scientist and former Helicopter Pilot with a deep understanding of Machine Learning principles. Passionate about utilizing the latest software technology to solve problems. My ten-year career as a Pilot has made me a lifelong learner. I am open to working on impactful projects that add value to human life.

PROJECTS

Housing Sale Price Prediction – Linear Regression model

Developed a Linear regression model to predict the sale price of houses in Ames, Iowa. I applied advanced Exploratory Data Analysis and Feature Engineering to prepare the data for modeling. I utilized the Ridge regularization technique and was able to develop a model that well outperformed the baseline.

Subreddit Classifier – Natural Language Processing

Using the Pushshift API, I gathered 1000 posts from Star Wars and Star Trek subreddits each. I designed a logistic regression model to classify which subreddit a new post belonged to.

WORK EXPERIENCE

General Assembly - Data Science Immersive Fellow

01/2022 – 04/2022

- 12 weeks Data Science Immersive Bootcamp
- Hands on experience with large dataset
- Developed supervised and unsupervised machine learning models

Bristow Helicopter - Helicopter Pilot, Lagos, Nigeria

08/2018 – 01/2022

- Performed helicopter preflight inspections, calculated its weight and balance, and completed accurate flight plans
- Operated the helicopter in a safe and efficient manner in accordance with the company's operations manual
- Reviewed the company's operation documents and ensured they were up to date with the Nigeria Aviation Regulations

TourHelicopter.com - Tour Guide and Pilot, Pembroke Pines, Florida

05/2018 – 12/2018

- Performed preflight inspections of all the aircraft and ensured all aircrafts were fueled for the day's operations
- Received customer bookings and scheduled customer flights
- Took passengers on safe and entertaining helicopter rides along the Miami beach

SKILLS

Languages: Python, SQL, JavaScript, HTML, CSS

Libraries/Tools: Pandas, NumPy, Scikit Learn, Matplotlib, Seaborn, Jupyter Notebook, Git/Github

EDUCATION

General Assembly - Data Science Immersive Bootcamp

01/2022 – 04/2022

Arizona State University - Master of Computer Science (Big Data Systems)

05/2022 – 03/2023

University of Lagos - Bachelor of Science in Electrical and Electronics Engineering

06/2005 – 06/2011

CERTIFICATION

Python 3 Programming Specialization, Coursera

Intro to Self-Driving Cars, Udacity Nanodegree Program

Commercial Certificate with Instrument Rating (FAA): Helicopter, Airplane Single Engine Land

SCHOLARSHIPS/ AWARDS

Received from Bristow Nigeria a fully paid scholarship to train to become a helicopter pilot in Bristow Academy, Titusville, US