Alston Quadros

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EXPERIENCE

Logibricks Pvt Ltd, Pune — Data Science Intern

June 2018- July 2018

We created a project that consists of a prediction algorithm to schedule movies TV series etc for a movie channel, based on parameters such as basic viewing time, TRP, Ratings, and Cast to schedule a daily format for each channel

Sciffer Analytics, Pune — *Excel Trainee*

June 2014 - Aug 2014

The training consisted of basic Excel, with Visual Basics to create Macros, also learnt different Dashboards. These tools were used to graphically implement Data created macros to display data according to user necessity

ExcelBaap.com — Excel *Blogger*

Creating a Blog to showcase my knowledge of the subject of Excel which I learnt on the above Internship. Created a Facebook page for the same too

Cloud Counselage Pvt Ltd, — Data Science Intern

March 2020 - ONGOING

The Shaadi Times — Data Analyst Intern

May 2020 –July 2020

Documentation of a detailed study on how air pollution has been affected by COVID-19 Virus. Visualization using Python Seaborn Library and Excel Dashboards. Predictive analysis using Regression and CART.

PROJECTS

- **Route and Cost Optimization (Ongoing)**

  The idea of this project is to focus on the need of a warehouse for efficient quick and safe commute of goods, to aid the problem by generating shortest routes for their transporter based on parameters such as distance, traffic, tolls, etc. The route will be the most time and cost-efficient and will also allow the warehouse in charge to track all such commute of his goods on a single screen. The project is an outhouse project in collaboration with Syngenta Pvt Limited. The project includes features such as Live Tracking, Inventory Management, Multiple Shortest Route Detection, OCR among others. The architecture of the project will consist of a Desktop Application (written in python) and a Mobile Application (created on Android Studio). This project will help a lot in acquiring beneficial insights into the logistics and supply field of the industry.

- **Text Summarizer**

  This project was created with the intention of saving time on reading in order to attain useful information.The application supported a Python (Tkinter) created User Interface, it summarises offline text files as well as online websites. The backend works on concepts such as Text Rank, analyzing POS tags using NTLK and Elimination of similar sentences using Cosine Similarity metrics.This project helped me step outside the bounds of basic Machine Learning and explore the concepts of Natural Language Processing.

- **Depth Analyzers for Miners**

  The project was made with the intention to create a machine that consisted of a 360-degree sonar device that could be confined in a mobile device that the miners could use, the sonars would calculate the distance using wave bouncing phenomena and later based on the sonar reading the output will be shown on the mobile device in the form of a 3-D graph in a 2-D plane where the X-axis represents the east-west direction and the Y-axis represents north and south, the depth in each side will be calculated and according to the direction be represented on the respective co-ordinates.

EDUCATION

NAME	LOCATION	DEGREE	CLASS OF	MARKS
St Dominic Savio High School	Mumbai	Secondary School	2014	85.4 %
Aacharya A V Patel Jr. College	Mumbai	High School	2016	76.7 %
St. Francis Institute of Technology	Mumbai	BE in Computer Engineering	2020	7.12 CGPA

TECHNOLOGIES

- Python
- Machine Learning/ Deep Learning (TensorFlow and Pytorch)
- HTML / CSS
- Android Studio (Java) / Flutter (Dart)
- SQL
- PHP
- Beautiful Soup / Scrapy / re / Selenium (Web Scrapping Tools)
- Google Analytics / Hive / Apache Spark (Big Data Analysis)
- Power BI / Tableau / Matplotlib / Seaborn / MS Excel (Data Visualization)
- R Programming (Data Analysis)

OTHER PROJECTS

- College Allocation Code— using Data Structures
- Optimal Disk Scheduling Algorithm— using C
- Web Development with Database— using HTML CSS and PHP
- Implementation of ML Algorithms —using Python (Without Sklearn)
- Lecture Summarization (NLP) —using Python (Ongoing)
- Image Classification --- using (TensorFlow CNN and Image Generator)
- Text Prediction --- using (NLTK RNN and TensorFlow)

CERTIFICATIONS

- Microsoft Technical Associate 98-381 - Introduction to python (2019)
  Marks: 96/100

WORKSHOPS

- Tensorflow in working (Coursera)
- Java Course, Kossine
- Machine Learning Course, Kossine
- Artificial Intelligence Workshop, IIT Bombay
- Arduino Workshop, SFIT
- Tableau, SFIT
- VR Gaming, SFIT
- IoT with ML, ATS Learning Solutions

EXTRA CURRICULAR

- Public Relations Head of CSI-SFIT (Student Chapter)
- Entrepreneurship-cell volunteer for National Project Competition
- TPO committee

ABOUT ME

I'm a strong believer of learning at every step in life, I am a very amicable and approachable person. I believe in leading a team by staying with the team. I am also a team player and believe working together can bring out the best innovations. I am a perfectionist and like things accurate rather than easy. I like to grab an opportunity possible and give my 200% to whatever I do. I wish to be a data analyst and also encourage the spreading of automation using mathematical models, so that accuracy and consistency can be maintained and humankind can use time and energy saved to focus on bigger analytical problems.

SOCIAL PROFILES

Github: https://www.linkedin.com/in/alston-quadros-8530b6146/
LinkedIn: https://github.com/alstonq

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