NITHILAA U
18PD22

Gender   Female
Date of Birth   28th September 2000
Languages known   English, Tamil, Telugu
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11, Kavitha Layout, Iswarya Nagar, Extn,
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OBJECTIVE

To obtain a position as a student intern during summer 2022.

ACADEMIC QUALIFICATION

Currently pursuing 4th year of 5 year Integrated M.Sc. Data Science at the Department of Applied Mathematics and Computational Sciences at PSG College of Technology.

SKILL SET

Languages	Python, C++, R, C
Back-End	Oracle SQL
Platform	Windows, Linux
Tools	Tableau

AREAS OF INTEREST

- Supervised and Unsupervised learning
- Probability and Statistics
- Data Visualization
- Natural Language Processing

ACADEMIC RECORD

- **M.Sc Data Science**   *2018-2023*
  PSG College of Technology, Coimbatore   **8.32 CGPA**

- **XII (Higher secondary, State board)**   *2018*
  Srinivasa Vidhyalaya Matric. Hr. Sec. School, Udumalpet   **93.25 %**

- **X (SSLC, ICSE)**   *2016*
  DISHA - A Life School, Pollachi   **93 %**

INDUSTRY BASED PROJECT EXPERIENCE

- **Analytics Vidhya**| Data Science Intern   (*May 2021 - October 2021*)

  Worked on an NLP-based automatic resume parser. When given a resume, the parser scans through the entire document, extracts all the relevant information from it, and returns it to us in structured data format.

- **Chamber of Products**| Machine Learning Intern   (*August 2020 - September 2020*)
  Worked on developing an efficient text summarizer for any given news article with different text summarizing techniques like TFIDF, Gensim, and found BERT to be more efficient. Also, created a simple website to demonstrate the proper working of the summarizer created.

NON-ACADEMIC PROJECTS

- Worked with PSG alumni in creating a product development software. The website aims in exploring the market survey, by formulating the hypothesis of a particular problem, finding the user and the competitor of the product using SWOT analysis. It has a survey template, a product roadmap, and a dashboard to visualize the market segmentation criteria. The front end of the website was developed using HTML5, CSS, and JavaScript, and the back end using Flask.

ACADEMIC PROJECTS

- **StockLock**, the study of the impact of COVID-19 in Indian Stock Market and GDP Response, a research paper, implemented in **Python** to study and analyze effects of a pandemic on the stock market using various ML regression algorithms like linear, multiple linear, polynomial, and SVM regression, and statistical models of **ARIMA**.

- **SmartTweet**, a Twitter sentiment analysis tool, developed using **Python**, which classifies the tweets according to the sentiment expressed in them - positive, negative, or neutral using the open-source python package, **Tweepy** to get the Twitter data. The **Naive Bayesian** model has been deployed to classify the tweets, along with graphical analysis.

- **H1B-VisualBay**, Analysis of H1B visa approval, developed using **Python**, using the H1B visa petitions data from 2011 to 2016, from Kaggle. This project helps to find out which locations, employers, job titles and salary range makes up most of the H1B petitions and helps in graphical analysis of data using lollipop, donut plot, and violin plots.

- **Healry**, a website hosted on google drive about **COVID-19**, to study the various metrics and KPIs using **Google Analytics**. The website aims in creating awareness about the COVID-19 pandemic through blogs and self-check quiz and helps in visualizing the real-time data using interactive and live COVID-19 updates. The front end was developed using **HTML5, CSS**, and **JavaScript**.

- **SoccerStats**, Analysis of international football results from 1872 to 2019, developed using **R**. This project presents interesting results for football lovers by analyzing head-to-head balances in football games and which countries are currently showing the greatest progress in official football games, using various plots and data visualization techniques.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Certified by Coursera for the completion of the courses **Deep Learning** and **Neural Networks And Deep Learning** offered by **deeplearning.ai**.
- Published 3+ blogs in Analytics Vidhya.
- Kaggle contributor.
- Winner (1st), District (Coimbatore) Level Drawing Competition, hosted by the Tamilnadu Forest Department.
- Participant, State (Tamilnadu) level drawing competition, hosted by the Electricity Board Of India.
- Was a part of the Entrepreneur Club, PSG College Of Technology.

DECLARATION

I, Nithilaa U, do hereby confirm that the information given above is true to the best of my knowledge.

Place: Coimbatore
Date : 24/01/2022   (Nithilaa U)