Alaa Zahweh

Data Science Student

alaazahweh95@gmail.com

70 996 069

Driven and motivated student of data science looking for an internship to put my theoretical knowledge into practice. Interested in machine learning, data engineering and data analysis and am eager to contribute my talent, and problem-solving skills to extracting useful information from large, complicated datasets.

EDUCATION

Data Science

Lebanese University - Data Science

09/2021 - Present *Beirut*

PERSONAL PROJECTS

Scraping Data From Amazon

- The project aimed to scrape using beautiful soup data including the name and price of products multiple times in a month and save them in a CSV file to monitor the price change during holidays.

Detecting Fake News

- This project deals with fake and real news by distinguishing between them. Using sklearn, I built a TfidfVectorizer on the dataset, then initialize a PassiveAggressive Classifier and fit the model. By the end, the accuracy score and the confusion matrix showed how well my model fares.

Customer Data Cleaning

- This mini project's purpose was to clean, organize, and standardize data about customers for a specific market. This was done using the pandas library by deleting, dropping, filling null values and removing any useless characters in the data.

Cleaning, Exploring, and Visualizing London Bike Dataset

- In this project, the dataset was cleaned and explored in pandas then visualized in tableau to an organized interactive dashboard

SONAR rock vs. mime prediction

- This project, we used sonar data to predict whether the object is mime or a rock for submarines using logistic regression model

SKILLS

Programming Languages : python/ java/ C++/ R / SQL

Data analysis: pandas / numpy

Data scraping: beautiful soup / mechanical / web crawler

Data visualization :matplotlib/ seaborn/plotly

Dashboard: tableau

INTERSHIP

At White Stork: Working On Document layout analysis model on Arabic Newspaper.

The internship involved a number of steps, such as data scraping newspaper scans and annotation of each page's articles. I next preprocessed and prepared the pictures so the model could be trained. Then applied the "faster rcnn" model on it. I tested adjusting different values of hyperparameters, assessed the results, and made predictions to determine which value would be ideal.

ONLINE COURSES

Machine Learning Specialization C1

Machine Learning for Data Science

Dashboard: tableau course

Deep Learning Specialization C1 ,2 ,3 ,4

26H deep learning with Daniel Bourke

LANGUAGES

Arabic

Native or Bilingual Proficiency

English

Full Professional Proficiency