WAHID SHAIK

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To obtain a challenging and professional position in a good company where I will be able to work on a broad variety of very challenging problems and use my technical skills & experience for mutual growth and benefit.

EDUCATION

JANUARY 2022 - FEBUARY 2023

MASTER OF SCIENCE IN ARTIFICIAL INTELLIGENCE (AI),

DUBLIN BUSINESS SCHOOL, DUBLIN, IRELAND.

Modules: Machine Learning, NLP, Deep Learning, Recommender Systems.
Grades: 1.1 Honors

SEPTEMBER 2012 - JULY 2016

BACHELOR OF SCIENCE IN ELECTRICAL & ELECTRONICS ENGINEERING,

JNT UNIVERSITY, ANDHRA PRADESH, INDIA.

Grades: 1.1 Honors

EXPERIENCE

JUNE 2019 – AUGUST 2021

SOFTWARE DEVELOPER,

TAJ ENTERPRISES, INDIA.

- Developed web application using HTML, CSS, Java, Tomcat technologies.
- Design, test, deploy, and improve computer programs and systems throughout the software development life cycle.
- Produce clean and efficient code based on specifications.
- Debug and upgrade existing software, gather, and evaluate user feedback, and create technical documentation.
- Work in teams with other developers and product managers to create software for clients.

PROJECTS

- Comparison Of Deep Learning Models for Traffic Sign Detection.
  - Traffic sign detection in self-driving cars was carried out with the help of AI and deep learning models.
  - VGG-16 and ResNet-101 were the two Convolutional Neural Networks (CNN) models used.
  - Best model that was suitable for traffic sign detection was selected by analyzing their accuracy, loss, and potential metrics.
- Content Based Movie Recommendation Using K- Nearest Neighbors (KNN).
  - Designed a movie recommender system that recommends a movie to the user based on attributes like genre, rating, director, and lead actors.
  - Implemented the supervised machine learning model (KNN), which was used to find the similarities between two movies and then recommends the movie to the user.
- Shoe Brand Detection Using Deep Learning & TensorFlow.
  - With the help of Convolutional Neural Networks (CNN), shoe brand detection was done.
  - Selection of best model was done by comparing three models (Sequential, VGG-16, and ResNet-50) which differs in layers and architecture with their accuracy and loss.

- The model with the highest accuracy and lowest loss was selected and used for detection.
- [Wine Data Clustering Using K-Means Clustering.](#)
    - Natural Language Processing (NLP) algorithms and unsupervised learning (K-Means clustering) were used for Wine data clustering.
    - TF-IDF, modeling technique was used in this project to find the importance of strings like words, phrases.
    - Identified the optimal "K" clusters with the help of an elbow method graph that shows the number of clusters with similar characteristics.
- [Data Acquisition of Website Using Web Scrapping (Beautiful Soup).](#)
    - Data acquisition is the process of digitizing data from a selected website so that it can later be displayed, analyzed, and stored in a computer.
    - Beautiful Soup, a web scraping tool was used to obtain the data from an HTML website.
    - Using the JSON normalizer, the entire scarred data set is normalized into human-readable data.
- [Bank Management Services Using Java and Object-Oriented Programming (OOP).](#)
    - Developed a banking management project.
    - It includes depositing and withdrawing money from the user's account.
    - It deals with OOP's concept likes classes with multiple attributes.

SKILLS & ABILITIES

- Machine Learning (ML) – scikit-learn.
- Natural Language Processing (NLP)
- Recommenders System
- Deep Learning – Keras & OpenCV
- Language: Java, Python
- Reinforcement Learning
- Computer Vision
- Neo4j – Graph Database

- RapidMiner – Software
- HTML, CSS
- Enthusiastic to learn and communicate.
- Swiftly adjust to changing situations and take on new activities.
- Innovative thinking to solve difficult challenges.
- Self-motivated and possess a strong desire to succeed and meet goals.

INTERESTS AND ACHIEVEMENTS

- Been complimented by my supervisor for doing a good project in my Master's.
- Successfully mentored 2 students from college on their industrial experience projects.
- Received first place in the Chess competition at school level.

ACTIVITIES

- Successfully coordinated variety of cultural events as an event coordinator.
- Attended Industrial Workshops on Solar Power Plants.
- Participated in Sudoku Competitions.