MUSKAAN JAIN

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EDUCATION

University of Pittsburgh – School of Computing and Information   Pittsburgh, PA
Masters of Science in Information Science   July 2024

JK Lakshmipat University – Institute of Engineering and Technology   Jaipur, India
Bachelor of Technology in Computer Science and Engineering || GPA – 8/10   July 2021

COURSEWORK

Algorithm Design, Human Information Processing, Database Management System, Information Security and Privacy

EXPERIENCE

Cognizant Technology Solutions   Chennai, India
Programmer Analyst   January 2022 – August 2022
- Performance testing on e-commerce websites monitors user activity and analyses reports generated through overlaying graphs. The testing tools such as Apache JMeter and LoadRunner were used to examine the difference in outputs on the same data from e-commerce websites.

InfoAxon Technologies   Noida, India
Solution Developer   May 2021 - January 2022
- Developed functionality for Twitter API, Facebook Graph API, and LinkedIn API for post engagement data retrieval and further populating the database as per the data received and performed analytics on them, such as most comments, likes, shares, etc., with the help of the Contextual Semantic Search algorithm.

SeekAce Solutions Pvt. Ltd   Jaipur India
Data Science Intern   January 2021 – May 2021
- Worked on auto-digitization of information from an image dataset with sample data and testing data for the NER model by performing annotations. The sample data was collected from different types of images. Developed a NER Text Tagging model to analyze data and generate a summarized report of data details to use the data for modeling.

RailTel Corporation of India   New Delhi, India
Networks Trainee   May 2019 – July 2019
- Analyzed the Delhi networks of various dispensaries by telnetting. Drafted out a network map of the Delhi Territory. Extrapolated strategic geographical points to place the routers using the SPSS Tool.

PROJECTS

Corporate Action Bot   Smart India Hackathon '20|| August 2020
- Developed a corporate action bot that retrieves accurate and complete information on historical, current, and future expected corporate action on time from accessible sources. Integrated the project to crawl public web pages using an interactive dashboard on a streamlit framework. Displayed the required data using the Named Entity Recognition using SpaCy.

Corona Allination   JK Lakshmipat University || June 2020
- Implemented an AI-based game using the Pygame module to vanish the existence of coronavirus. Designed in Python, it consists of doctors, victims, and pills. The execution of the game is like the victims(corona) floating on the screen, and they are destroyed through the medication pills given out by the doctor (user) using the spacebar key. The distance is calculated using the Euclidean Distance. The pill shot by the doctor destroys corona. As the virus is destroyed, the victims keep regenerating, giving the user a score of 1 per regeneration. The game ends when the corona reaches the arena of the doctor, or the player reaches a score of 9999.

A Comprehensive Study on the Development of Smart Cities in India from a Computer Science & Engineering Perspective-keeping in view of the UN SDGs.   Published in IJRAT || June 2019
- Presented a comprehensive survey about the development of smart cities. Comprises the aspects using which there can be sustainable economic and technological development of smart cities. Bhubaneswar and Singapore were taken into consideration for this research. It suggested the latest innovations from the ML, AI, and IoT innovations can help automate societies to attain the UN SDGs by 2030.

Interest Recommender using Fuzzy Logic   JK Lakshmipat University || May 2019
- Recommended interests using Holland's theory of personality traits. Survey data of over 500 college individuals and derived multiple fuzzy logics, resulting in a percentage component of features a person possesses, and the recommender would suggest interests according to the highest dominating characteristic.

SKILLS

Python, R, Structured Query Language (SQL), Statistical Modelling Frameworks, Exploratory Data Analysis (EDA), Microsoft Office (MS-Excel), Keras, TensorFlow, Data Visualization, Tableau, Power BI, NumPy, SciPy, Pandas, Matplotlib, Scikit-Learn, Amazon Web Services (AWS), Git, Data Modeling, AI Algorithms, REST APIs, WebAnno, Labellmg, Load Testing, Stress Testing, Volume Testing, Load Runner, Apache-JMeter, Visual Studio Code, Jupyter Notebooks, Google Cloud Platform, Spyder, JIRA, Confluence, Postman, IBM SPSS Statistics