Vedansh Sharma

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🌐 https://vedansh0412.github.io/Vedansh_Sharma/intro.html

EDUCATION

Bachelors In Computer Science   September 2020 - Present, Noida

Jaypee Institute of Information Technology, Noida (JIIT Noida) – Major projects using Python, Machine Learning Algorithms, and React.

EXPERIENCE

Front-End Developer Intern   June 2023 - August 2023, Noida

SEVA (Sanmarg Engineering Validation and Assessment) Pvt. Ltd.

- Redesigned the official SEVA website successfully (which includes adding forms, redesign theme and webpages, adding location map), using technologies such as wordpress, HTML, CSS, in the frontend and JavaScript in the backend.
- Built a registration form submission page to the website and integrated it with Google sheets database, and proposed work was to shift the entire database to SQL for better performance.
- Successfully Resolved 50+ assigned tasks hereby demonstrating problem-solving skills by addressing a variety of technical issues.
- Developed a chatbot for the website to direct our clients for them to easily get in touch with us in ease, using the NLP and S2S (Sequence2Sequence model).

Research Intern   January 2022 - February 2022, Delhi

Smartknower

- Acquired fundamentals of Python Programming and attained knowledge of Machine Learning algorithms such as K-Means Clustering, Linear Regression, and Gradient Descent and implemented two projects using the same.
- Led a project to create a classification model to predict whether the income of a person is over $50K a year, on the dataset of 32K entries about Adult Population which includes factors such as Gender, Location, Income and few others.
- Incorporated the concepts of Python and Machine Learning to categorize the credit cards by implementing the K-means Clustering algorithm on the dataset of credit card holders which includes factors such as Balance, Minimum Payments, Credit Limit, Tenure, etc consisting of about 8,951 entries.

SKILLS

PYTHON	**OOPS (Object Oriented Programming)**	**C/C++, Data Structures**	**JavaScript**
HTML, CSS	**WEB-DEVELOPMENT, WIX WEB-BUILDER**	**SDLC**	**UI/UX DESIGN(FIGMA)**
Linux	**MySQL**	**MACHINE LEARNING**	**ReactJs**

PROJECTS

Mayo Clinic Strip - AI (Kernel Programming) - Kaggle   September 2022 - December 2022

JIIT • https://github.com/Vedansh0412/Mayo-clinic

- Devised a Python algorithm utilizing the CNN (Convolutional Neural Networks) VGG-16 Model.
- Achieved image classification for high-resolution images, empowering healthcare professionals to precisely identify the sources of blood clots in fatal strokes thereby effectively reducing the risk of subsequent strokes.
- Attained a good accuracy rate of 86.23% in distinguishing between images with and without clots on the dataset containing two types of files of Pathological images(.tif) and .csv file provided on Kaggle (DataSet Size - 395.36 GB)

Diabetes Prediction   April 2023 - June 2023

Coding Blocks • https://github.com/Vedansh0412/Diabetes_Prediction-Using-KNN

- Implemented the KNN algorithm in a diabetes prediction model to determine whether a person might have diabetes based on the given factors, patterns, and conditions.
- Achieved a prediction accuracy of 82.89% through the combined utilization of the KNN algorithm on the dataset including multiple factors such as pregnancies, glucose levels, blood pressure, gender, age, and few others.

CERTIFICATION

Machine Learning Fundamentals

Coding Blocks • 2022 • Concepts of machine learning: Regression Models, Facial Recognition, Neural Networks