PRABLEEN KAUR SACHDEVA

prableenkaur2016@gmail.com | **Website** | **Linkedin** | **GitHub**

Skills

Languages

English | Hindi | Punjabi

Domain

Machine Learning | Data Science and Analysis | Deep Learning| Web Development | Data Structures and Algorithm (DSA)

Programming and Framework

Python | C | C++ | Java | HTML | CSS | JavaScript| React JS| Node JS | Flask

Databases

MySQL | Oracle | MongoDB

Softwares

VS Code |Tableau | OpenCV | Matlab

Deep Learning Frameworks

PyTorch | Tensorflow | Keras

Soft Skills

Teamwork | Leadership

Education

Guru Tegh Bahadur Institute of Technology, Delhi, India

Bachelor of Technology - CGPA: 8.7
Computer Science Engineering
July 2018 - Present

Bal Bharati Public School, Ghaziabad,UP, India

Class XII (CBSE) - Score: 90.0%
2017 - 2018
Class X (CBSE) - CGPA: 9.8
2015 - 2016

UG Courses

Foundation of Computer Science

Data Structures

Database Management Systems

Internships

Jugadu.in, New Delhi - *React Native Developer*

October 2020 - January 2021

- Worked on the project entitled "Jugadu Boost - A dynamic website CMS".
- This project was aimed to deliver low cost website solutions to small businesses with the power of dynamically updating their websites.
- I was responsible for developing react based templates for websites for different business categories.

Badlav Sewa Samiti (NGO), UP - *Web Developer*

August 2020 - October 2020

- Worked with the Frontend Development Team and created different pages of the NGO official clinic website by the help of different libraries and framework of JavaScript like JQuery and NodeJS.
- Implemented user defined functions which were used in developing Carousel animation. These functions were coded in JavaScript and CSS.

Projects

Neural Style Transfer using CNN

June 2021- Aug 2021

Neural style transfer allows to blend two images (one containing content and one containing style) together to create new art. NST employs a pre-trained convolutional neural network (CNN) to transfer styles from a given image to another. This is implemented by optimizing the output image to match the content statistics of the content image and the style statistics of the style reference image. These statistics are extracted from the images using a convolutional network.

Multi Disease Prediction

May 2020- Jan 2021

It predicts whether a person is likely to have the disease or not based on given variables. The models used to predict the diseases were trained on large Datasets. It is capable of checking for the following diseases: heart, breast cancer, diabetes, kidney, liver, malaria and pneumonia. It uses Random Forest Classifier as the basis model for prediction.

Movie Recommendation System

Aug 2020 - Dec 2020

The aim of this web app is to provide all the details of the requested movie such as overview, genre, release date, rating, runtime, top cast, reviews, recommended movies, etc. The details of the movies(title, genre, runtime, rating, poster, etc) are fetched using an API by TMDB, and using the IMDB id of the movie in the API, web scraping is done to get the reviews given by the user in the IMDB site using Beautifulsoup4 and performed sentiment analysis on those reviews by using Naive Bayes machine learning algorithm of scikit-learn library.

Computer Graphics and Multimedia

Theory of Computation
Object Oriented Programming
Algorithms Design and Analysis
Software Engineering
Java Programming
Computer Networks
Digital Communication
Artificial Intelligence

Online Courses

Machine Learning with Tensorflow on Google Cloud Platform

Google Cloud Training (5 courses)

Neural Network and Deep Learning

Coursera- DeepLearning.AI

Mastering Big Data Analytics

Great Learning Academy

Industrial Trainings

Machine Learning
Internshala Trainings
May 2020 - June 2020

Full Stack Website Development
Hackveda Limited
May 2020 - June 2020

Tableau Trainings
Internshala Trainings
August 2021 - September 2021

Spam Checker
Jan 2020 - Feb 2020
Spam Messages are any unrequested communication, often sent en masse via the internet or an electronic messaging service. This project checks if a given message is spam or not. It works on Naive Bayes Algorithm.

Excel Clone
Oct 2019 - Dec 2019
Clone of Microsoft Excel created using HTML, CSS, JavaScript and DOM (Document Object Model). It exhibits features of addition of multiple sheets to a single Workbook. Implemented the Eval function(for calculation) using the stack data structure.

Achievements

Hackerrank - 5 Star **(Gold Badges)** on Hackerrank for Problem Solving, C++ and SQL.

Internshala Machine Learning Training: Top performer with a full 100% in the final exam.

Extracurricular

GirlScript Winter of Contributing (2021) - *Contributor*
Responsible for contributing to open source projects on github by either writing documentation or making helpful videos for better understanding of the workflow of projects.

International Organization for Software Developers (IOSD)- *Core Team Member*
Part of IOSD which is a specialized Software Developer group on campus, and organized various events ranging from Web and Application Development to applications of Artificial intelligence and Virtual Reality.

GTBIT Orientation - *Institute Student Mentor*
Served as the Institute Student Mentor, organizing orientation events and mentoring the institute freshmen.