ANJALI AGARWAL

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OBJECTIVE

A self-motivated and hard-working girl who has a keen interest in Machine Learning, Deep Learning, Computer Vision, NLP and Recommendation System and use the same to bring out insights from raw data.

ACADEMIC CREDENTIALS

Qualification	Name of School / College	Board / University	Year of Passing	Marks in (%)/CGPA
Master of Computer Applications	Amity University Kolkata	AMITY UNIVERSITY	2021	9.63 CGPA (up to 3RD Semester)
Bachelor of Computer Applications	Techno India	MAKAUT	2018	8.88 CGPA
Intermediate	Agrasain Balika Siksha Sadan	ISC	2015	93%
Matriculate	Agrasain Balika Siksha Sadan	ICSE	2013	86%

TECHNICAL SKILLS

Operating Systems   : Windows 7, Windows 8, Windows 10, Ubuntu.

Programming Languages   : C, C++, Python, Java, PHP, HTML, CSS, Java Script, R.

Databases   : MySQL.

Office   : Microsoft Office.

Concepts   : DBMS and Data structures & Algorithms.

Data Pre-processing   : NumPy, pandas, Matplotlib, Seaborn.

Data Science: -

TensorFlow 2.0**,** scikit-learn, Keras**,** Linear regression**,** Logistic regression**,** Support Vector Machine (SVM), Random forest, Naive Bayes, Decision tree, k-nearest neighbors algorithm, Deep Neural Networks (ANN, DNN), Convolutional Neural Networks (CNN), Long Short-Term Memory (LSTM), Recurrent Neural Networks(RNN), Bag-of-words model, tf–idf, Randomized and Grid Search Cross Validation, OpenCV, PyAutoGUI, dlib.

INTERNSHIP

National Institute of Technology, Jamshedpur

Project Name : **Facial Emotion Recognition System using CNN**
Duration : April 2020 – June 2020
Role : Machine Learning Intern
Team Size : Two
Technologies Used : Python, TensorFlow, Keras, OpenCV, Flask.
Work Description : A real time Facial Emotion Detector which captures images through live frames from web camera. The model is trained and developed using TensorFlow and Keras. Seven unique emotions were to be detected.

PROJECTS

Computer Vision

1. **Project Name** : **Invisible Cloak**.
   Role : Developer and Designer
   Technologies Used : OpenCV
   Work Description : The main objective was to make an invisible cloak.

2. **Project Name** : **Dino Game Automation by Blinking Your Eye.**
   Role : Developer and Designer
   Technologies Used : OpenCV, PyAutoGUI, dlib
   Work Description : The objective was to automate the Dino Game by detecting the eyes.

3. **Project Name** : **Drowsiness Detector**.
   Role : Developer and Designer
   Technologies Used : OpenCV, dlib
   Work Description : The objective was to detect if a person is drowsy or not.

Machine Learning

1. **Project Name** : **Flight Price Prediction System**
   Role : Developer and Designer
   Technologies Used : Python, Scikit-Learn, Pandas, NumPy, Seaborn, Flask, Heroku
   Work Description : This is a ML Web app which will predict the fare of your flight ticket.

2. **Project Name** : **Movie Genre Predictor System**
   Role : Developer and Designer
   Technologies Used : Python, Scikit-Learn, Pandas, NumPy, Seaborn, Flask, Heroku
   Work Description : A ML Web app which will predict the movie Genre.

3. **Project Name** : **Diabetes Predictor**
   Role : Developer and Designer
   Technologies Used : Python, Scikit-Learn, Pandas, NumPy, Seaborn, Flask, Heroku
   Work Description : A ML Web app which will predict if you are suffering from Diabetes.

4. **Project Name** : **Restaurant Review Sentiment Analysis**
   Role : Developer and Designer
   Technologies Used : Python, Scikit-Learn, Pandas, NumPy, Seaborn, Flask, Heroku
   Work Description : This is a ML Web app which will review the sentiment of the feedback.

5. **Project Name** : **Coronavirus Predictor**
   Role : Developer and Designer
   Technologies Used : Python, Scikit-Learn, Pandas, NumPy, Seaborn, Flask, Heroku
   Work Description : It is a ML Web app which will predict if the person is suffering from coronavirus according to the symptoms.

6. **Project Name** : **SMS Spam Predictor**
   Role : Developer and Designer
   Technologies Used : Python, Scikit-Learn, Pandas, NumPy, Seaborn, Flask, Heroku
   Work Description : This is a ML Web app which will predict whether the SMS is Spam or not.

7. **Project Name** : **Car Price Predictor.**
   Role : Developer and Designer
   Technologies Used : Python, Scikit-Learn, Pandas, NumPy, Seaborn, Flask, Heroku
   Work Description : This is a ML Web app which will predict the worth of your car.

8. **Project Name** : **IPL innings Predictor.**
   Role : Developer and Designer
   Technologies Used : Python, Scikit-Learn, Pandas, NumPy, Seaborn, Flask, Heroku
   Work Description : This is a ML Web app which will predict the first innings score.

Deep Learning

1. **Project Name** : **Stock Sentiment analysis using RNN and LSTM.**
   Role : Developer and Designer
   Team Size : Individual
   Technologies Used : Keras, RNN, LSTM neural network, matplotlib.
   Work Description : The main objective is to predict price of the stock.

Web Development

1. **Project Name** : **Employee Shift Scheduling System**
   Role : Developer and Designer
   Team Size : Five
   Technologies Used : MySQL, PHP, CSS, HTML
   Work Description : It is an all-inclusive system that stores and tracks employee work history, along with actually scheduling the employee's work.

2. **Project Name** : **Product Management and Billing system**
   Duration : August 2017 - November 2017
   Role : Developer and Designer
   Team Size : Six
   Technologies Used : MySQL, php, CSS, HTML
   Work Description : The objective is to automate the existing manual system by the help of computerized equipment and full–fledged web-based application to synchronize all the relevant details of products and invoices.

RESPONSIBILITIES & ACHIEVEMENTS

AWARDS AND ACHIEVEMENT IN VARIOUS FIELDS:

- ❖ **ACADEMIC:**
  - ➢ Received 50% Scholarship worth 2.5 lakh in three-year full time MCA program.
  - ➢ Achieved Silver Medal for the best academic performance in three-year full time BCA program (2015- 2018) and certificate.
  - ➢ Achieved MEDHAVI CHATRA CHATRAON SAMMAN SAMAROH AWARD for All Round Best Student Award in three-year full time BCA program (2015-2018).
  - ➢ Achieved PASCHIM BANG PRADESHIK award in CLASS 12.
  - ➢ Achieved PRATIBHA SAMMAN 2015 award in board examinations of class 12.
  - ➢ Achieved a Gold Medal and a Momentum for Academics in board examination of class 12.
  - ➢ Received a trophy for highest marks in Mathematics in board examination of class 12.
  - ➢ Received the Ram Avtar Gupta award for excellence in Hindi in board examinations of class 12.
  - ➢ Achieved a Gold Medal and a Momentum for academics in board examination of class 10.
  - ➢ Received the Ram Avtar Gupta award for excellence in Hindi in board examinations of class 10.
  - ➢ Received few certificates for completion of courses in Machine Learning and other fields from online platform.

- ❖ **NON-ACADEMIC:**
  - ➢ Received a two-year degree certification in Interior Designing.
  - ➢ Received a certificate for Fashion Designing.
  - ➢ Achieved various trophies for dance competition.
  - ➢ Achieved medals for sports.
  - ➢ Achieved certificates for Sanskrit Gyan Pariksha twice.
  - ➢ Achieved certificates for drawing competition.
  - ➢ Achieved a trophy for drama.
  - ➢ Have participated in various seminar and summer programs.

- ❖ **RESPONSIBILITES HELD IN SCHOOL AND COLLEGE:**
  - ➢ Served as a Class Representative in both school and college.
  - ➢ Served as a member of Core Committee for organizing and managing several events in college.
  - ➢ Served as Girls Captain for sports in college.
  - ➢ Served as School House Captain for blue house.
  - ➢ Served as a Prefect in class 10 and 11.

HOBBIES

- ❖ Organizing events
- ❖ Dancing
- ❖ Art & Craft
- ❖ Sports

DECLARATION

I hereby declare that all the statement made are true, complete and correct to the best of my knowledge and belief.