Saksham Dhiman

📞 +91-8894166812   ✉ sakshamdhiman71@gmail.com   in linkedin.com/in/saksham-dhiman-737255211/
○ github.com/2167-saksahm

Education

Punjabi University   Expected June 2025
Bachelor of Technology in Computer Science and Engineering (GPA: 7.70 / 10.00)   *Patiala, Punjab*
- **Relevant Coursework:** Data Structures and Algorithms (C++), Advance Data Structure Algorithms (C++), Intro to Java Programming, D.B.M.S., Machine Learning (Python)

Experience

N.I.E.L.I.T.   Jun 2023 – Jul 2023
Summer Trainee   *Chandigarh, Punjab*
- Implemented and gained proficiency in Python, Data Science and Machine learning.
- Developed rainfall prediction model using sci-kit library in Python.
- Leveraged Rainfall dataset and used regression techniques to make the model 85% accurate.

CETPA InfoTech Pvt. Ltd.   Jun 2024 – Jul 2024
Summer Trainee   *Noida, Delhi NCR*
- Gained proficiency in basics and advanced python.
- Developed various programs as learning outcome.
- Finished projects and case study work at the end of the training.

Projects

Lung Cancer Prediction / *Python, Sci-kit, Logistic Regression, Pandas, Numpy*
- Created an innovative algorithm that predicts lung cancer based on CT imaging.
- Logistic Regression model has been used for this Project.
- Accuracy-score 89%.

Realtime Object Detection / *Python, YOLO, tkinter, Ultralytics, OpenCV*
- Realtime Object Detection using webcam.
- Code available in GitHub repository.
- Accuracy-score depends upon the camera quality.

Crop Recommendation / *Python, Pandas, Numpy, Random Forest*
- Created a model that predicts the best crop to be grown in the particular region.
- The project is created using Random Forest Classifier.
- Accuracy-score 96%.

Technical Skills

Languages: Python, C++, MySQL, Java, HTML, CSS
Concepts: Artificial Intelligence, Machine Learning, D.B.M.S., Cloud Computing
Soft Skills: Communication, Problem Solving, Team Work, Adaptability, Time Management, Event Management

Certifications

Python Basic to Advance   C.E.T.P.A.
Python for Artificial Intelligence and Machine learning   N.I.E.L.I.T.
Python for Data Science   Bharat Intern

Achievements

Hostel Mess Welfare Committee   09/2021-Present
Inter University Youth Fest Committee   02/2024
Sports Club Department of CSE, PUP   02/2024-Present
Alumni Student Relation Committee   11/2023-Present