Sachin Kumar Singh

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EDUCATION

ABES Engineering College — 2020-2024
Bachelor of Technology in Information Technology — *Current SGPA: 8.49*

SBN Public School (Intermediate) — 2020
CBSE — *Percentage: 85.80*

SBN Public School (High School) — 2018
CBSE — *Percentage: 92.00*

INTERNSHIPS

AI and ML Intern | *Edunet Foundation* — 09/2022-11/2022
- Made an **American Sign Language** Recognition project that could recognize gestures made in American Sign Language(ASL) using Python and machine learning.
- Used **mediapipe** library of Python for edge detection in images.
- Used **LSTM model** for classification of gesture.
- Technologies used: **Python, Mediapipe, OpenCV, Machine Vision**

Data Engineering Intern | *Hamoye.com* — 01/2022-04/2022
- Worked on a real-life project that **predicted the weather** conditions of an Israelian city Tel Aviv.
- Used **random forest classifier** for classification of weather.
- Worked on a project that **predicted the result** of any international women's football match.
- Used **logistic regression** model for predicting the winner team.
- Technologies used: **Python, Data Analysis, Machine Learning**

SKILLS

Languages & Tools: C++, JavaScript, HTML, CSS, RDBMS, SQL, Git, GitHub
Others: Data Structures, Algorithms, Data Interpretation, Object Oriented Programming and Design, Team Player

PROJECTS

Student Management System | *Java, Tomcat, Springboot,HTML, Bootstrap , MySQL Workbench, Eclipse* — Link
- Java project that supports **Create, Read, Update and Insert** operations on data of students.
- Frontend made with **Thymeleaf**.
- Backend handled with **Springboot**.
- Database implemented with MySQL workbench.

Textractor | *Python, Tkinter, OCR Space API* — Link
- A python project that could extract text from images.
- Simple and clean GUI made with **Tkinter** library.
- Image data is compressed with **OpenCV** library and sent to **OCR Space** API for processing.
- The compressed image data is then processed by **OCR Space API at the backend** and the received output is shown on the **GUI at frontend**.

ACHIEVEMENTS

Coding : • 3 star at Codechef • 4 star at Hackerrank • 600+ questions on Leetcode • 400+ questions on GFG
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Extracurricular: Cisco Ideathon 2023 finalist

COURSES AND CERTIFICATES

- SQL by Hackerrank
- Web Development by Coursera