Siddhant Tiwari

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SUMMARY

Enthusiastic and self-motivated engineering undergraduate with advanced knowledge in problem solving, analytics, coding and design. Proficient in C++, Python, Data Structures and Algorithm, OOPs concepts, and SQL Databases . Ability to learn new trends and technologies quickly. Capability to work in teams by providing valuable support.

EDUCATION

B.E. in CSE with specialization in Big Data Analytics   Aug '20 - Present

Chandigarh University   Mohali, India

- **8.41** till SEMESTER 5

Class 12 Boards   Apr '18 - Jul '20

Ingraham English Medium School   Ghaziabad, India

- **90.6 %** in CBSE boards

KEY SKILLS

C++   STL   PYTHON   OOPS   Data Structures   Algorithms   Problem Solving   Networking   SQL   Hadoop   MySQL

DBMS   Linux/Unix

PROFESSIONAL EXPERIENCE

Intern at **Acmegrade Pvt Ltd x Mood Indigo, IIT Bombay**[**Completion**] **(June '22)**

- Worked closely with a team of data scientists and analysts on various data-driven projects, gaining hands-on experience in **data analysis**, **machine learning**, and **predictive modeling.**
- Conducted exploratory data analysis **(EDA)** and data visualization using libraries such as **Pandas, NumPy, Matplotlib,** and **Seaborn**, effectively communicating complex findings to non-technical stakeholders.
- Contributed to the development of a fraud detection system by leveraging anomaly detection techniques, resulting in a **20% reduction in fraudulent activities.**
- Actively participated in team meetings and **brainstorming sessions**, providing input and suggestions for optimizing data analysis workflows and **improving data quality.**

PROJECTS

- **SKIN DISEASE PREDICTION USING MACHINE LEARNING -** [**Project**] **(Aug '22 - Nov '22)**
  - Independent project to predict the real estate prices in real time.
  - Libraries used: **Pandas, Numpy, Matplotlib, Scikit-Learn, PyTorch.**
  - Model used: **EfficentNet0**
  - Accuracy: Successfully predicts the price with an accuracy up to **95%.**
- **E- ATTENDANCE SYSTEM (Feb '22 - May '22)**
  - EAS uses **Facial Recognition** feature to match the facial analogy with training images.
  - Furthermore, performed various data science operations on **CSV data** to find the **attendance %** and student performance throughout.
  - Completed the project in a group of 4 passionate members, Contributed in **code building**, finding APIs suitable for the project , **debugging and code optimization.**

SKILLS/WORKSHOP CERTIFICATES

- Big Data Computing by **NPTEL SWAYAM MHRD** [**Certificate**]
- SQL for Work by Codechef [**Certificate**]
- Data Analysis Using Python [**Badge**]
- Hadoop 101 [**Certificate**]
- Introduction to Cloudera Machine Learning **by CLOUDERA** [**Certificate**]

ADDITIONAL INFORMATION

- Participated in Flipkart Grid 4.0 HACKATHON [**Certificate**].
- Active Leetcode profile [**Profile**].