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Siddhant Tiwari

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 | Operating System | 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 different categories of skin diseases 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].**