MANVI PANDEY

Final Year B. Tech Student
Computer Science and Engineering
Buddha Institute of Technology, Gorakhpur

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ACADEMIC DETAILS

Year	Degree	Institute	Percentage
2017 – Present	B. Tech in Computer Science and Engineering	Buddha Institute of Technology, Gorakhpur	86.1 %
2017	Class XII CBSE	Air Force School, Gorakhpur	76.1%
2015	Class X CBSE	Air Force School, Gorakhpur	93.1%

SKILLS

- **Programming Languages –** Python (5*), Java (4*), C (3*)
- **Databases –** SQL
- **Version Control** – Git
- **Platforms –** Windows
- **Technologies –** Machine Learning, MS Word, MS PowerPoint

MAJOR PROJECTS

- **Library Management System (Python) (TKinter) (MySQL)**
    - A fully featured Library Management System with the ability to fine students upon late return of books
    - https://github.com/manvipandey/Library-Management-System
- **Chat Application (Python) (TKinter)**
    - A local network chat application with multiclient support and email facility
    - https://github.com/manvipandey/Chat-Application
- **ArrayList in C**
    - Implementation of Java's ArrayList in C with added features from Python's list
    - https://github.com/manvipandey/ArrayList-in-C
- **File Explorer with MFT Search (Python) (PyQt5) [Ongoing]**
    - A modern and sleek file explorer with all basic functionalities that will provide near instantaneous results to any search query by parsing the MFT file
- **Face Expression Recognition**
    - Built and trained a convolutional neural network (CNN) with Keras
    - Deployed the trained model to a web interface with Flask
    - Applied the model to real-time video streams and image data

ACHIEVEMENTS

- **TCS CodeVita 2020** – Achieved Rank 11386 in Round 1 and qualified for Round 2.
- **Zonal** – Winner of Coding Competition at AKTU Zonal event in 2019.
- **1st Rank** – Consistent holder of 1st rank throughout college and held 1st Rank in multiple classes throughout school.
- **English and Communication** – Consistent Winner of Debate, Group Discussion, Extempore and Declamation events throughout academic life.

EXTRA – CURRICULAR ACTIVITIES

- **Competitive Programming** – An active participant on platforms like Codechef, LeetCode, Hackerrank etc.
- **Private Tutor** – Tutor school students of all the classes in subjects like Mathematics, Science, Social Studies, English etc.
- **Fundraising** – Organised multiple fundraising events at school level for causes like animal welfare, environmental protection etc.