HUZAIFA

Coder

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PROJECTS

Terminal Based File Explorer
C, C++, Linux

- A functional Terminal Based File Explorer working in normal and command mode.
- Read, display and open files and directories in Normal mode.
- Create, Delete, Goto, Snapshot and dump files and directories in Command mode.

MyMed
Python, SQL

- A system that stores data and enables functionality that allows users to buy medicines via an online network.
- To be precise, an internet-based vendor that sells medicines and allows users an option to buy from their mobile, laptop etc.

Sign Verification
Python

- Python implementation of Automatic Signature Stability Analysis And Verification Using Local Features published in 2014 at 14th International Conference on Frontiers in Handwriting Recognition

Metamorphose
C, C++

- Personal compiler and interpreter
- Translates code written in a toy programming language to machine understandable code and interprets it.

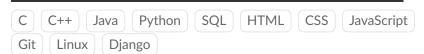### Face Recognizer
Python, SQL

- Face Recognition framework using Haar Cascade classifiers inspired from the CVPR 2001 paper by Viola-Jones.
- Can handle multiple client verification requests on a server using Multi-threading and Synchronisation Policies.

Wikisearch
Python

- A search engine indexed on the latest corpus of English Wikipedia, with full support for field queries.

SKILLS

C   C++   Java   Python   SQL   HTML   CSS   JavaScript
Git   Linux   Django

LIFE PHILOSOPHY

"Make improvements, not excuses. Seek respect, not attention"

EDUCATION

B.Tech in Computer Science
IIIT Nagpur

📅 2018-Present   📍 CGPA: 8.8

Senior Secondary(Class XII
K.C.M. School

📅 2018   📍 95%

EXPERIENCE

Technical Content Writer, Intern
GEEKSFORGEEKS

📅 Dec 2020-March 2020

- Data Structure Algorithms based articles published here by having exposure to different new algorithms and optimization techniques.
- Languages and Technologies: C | C++ | Python3 | STL | Latex

Problem Setter and Tester
Codechef

📅 Jan 2020- Apr 2020

- Problem Setter for codechef's contests. Problems based on Data Structures and Algorithms, maths, Greedy Alogorithm.

Teaching Assistant
IIIT Nagpur

📅 Dec 2019- Jan 2020

- Mentored freshers in developing competitive coding skills.
- Taught Basic Data Structures and Algorithms.

ACHIEVEMENTS

- Won first prize in coding contest in Institute Gathering 2019.
- Among Top 3 District Toppers in Secondary Examinations in 2016 and 2018.
- Teaching Assistant at IIITN - Guided 60+freshers to competitive programming.
- Top 100, HackerRank Problem Solving Challenge