DHAVAL KUMAR

STUDENT

CONTACT

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ACCOMPLISHMENTS

- SOF IMO School Rank- 01
- SOF NSO School Rank- 03
- Codeforces Specialist Rating- 1429
- Codechef 4 Star Rating- 1842
- Drink and Code College Rank- 04
- Google Hash Code 2022 under 2000 Global Rank
- Google KickStart 2022 B under 800 Global Rank

PROJECTS

Algopylib
- A basic Python library that has modules for math functions, algorithms, and puzzles.
- It is published on pypi and can be downloaded with pip.

Priority-Based-Traffic-Management-System
- IoT based Traffic Management System.
- Used Wireless communication module with communication protocol.

UCI(Unified Complaint Interface)
- Unified Complaint Interface(UCI) combines all the complaint portals into one portal.
- Made with python, flask, sqlte database and hosted on heroku.

RFID-based-Attendance-System
- An efficient and automated attendance management system based on RFID technology, which removes the need for manual attendance.
- Used thingspeak python api and created a backend to store data in a sheet.

basic-dsalgo (Inprogress)
- Implementation of all basic to advance data structures and algorithms in C++ and Python.

PROFESSIONAL EXPERIENCE

The Society of Coders (TSoC) - Core Member

August 2021 - Present

- Organising and Conducting Coding Contest and Hackathons
- Teaching Basic Programming, Data Structures and Algorithms
- Promoting Competitive Coding and Development in College

AI/ML Club - Core Member

August 2021 - March 2022

- Organising Hackathons
- Teaching Data Science and Machine Learning
- Promoting the Reserach Work related to AI/ML

HACK-A-SOL 2.0 - Technical Head

November 2021 - December 2021

- Handling all the Technical Aspects of Hackathon

HACK-A-SOL - Technical Team Member

January 2021 - March 2021

- Assisting the technical team of Hackathon

EDUCATION

International Institute of Information Technology, Naya Raipur

Bachelor of Technology, Dec 2020 - Present

Current CGPA : 9.43

Delhi Public School, Durg

12th and 10th CBSE Board, 2011 - 2020

12th CBSE Board : 94.5 %
10th CBSE Board : 91.0 %

SKILLS

Programming Languages- C++, C, Python, Java, Javascript, Julia

Tools and Technology- Git, Matplotlib, Sci-kit Learn, Pandas, Numpy, Linux, Open CV, Google Test, GTK

Area of Interest- Competitive Programming, Web Development, Data Structure and Algorithms, Graph Theory, Information Theory, Compiler and Language Design