

VISHAL SIWACH

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EDUCATION

Indian Institute of Technology, Mandi

Bachelor of Technology

Department of Computer Science and Engineering

August 2018 - Present

CGPA: 7.84/10

Nalanda International School, Gohana

Senior Secondary, CBSE

April 2015-March 2017

Percentage: 86.4

PROJECTS

Space Optimization

A hashing based solution for a real world problem which automatically detect duplicates and remove it from your device using hashing and opencv.

Weather App

Collaboratively created a web app with PHP, MYSQL to display min, max, and average temperature within a range of days . Also to show a graph of temperature.

Automatic Gear

A machine learning model to detect the appropriate gear based on altitude, calories, HeartRate, velocity gradient.

Cash Your Trash (Ongoing)

Currently working on a self project with team on Segregation of waste alongside virtual transaction of coins through face recognition or biometric.

SKILLS

Computer Languages

C/C++, Python, JavaScript, SQL

Data Science

Pandas, Scikit-Learn, Numpy, Matplotlib, Tensorflow, keras

Web Development

HTML, CSS, React, Node.js

RELEVANT COURSES

Core Courses

Data Structure and Algorithms

Applied Databases Practicum

Information and Database Systems

Data Science I II III

Other Courses

Discrete Mathematics

Linear Algebra

Mathematical Foundations of Computer Science

Essentials of Entrepreneurship

ACHIEVEMENTS

Scored 2334 rank in IIT-JEE Advanced

U-14 State Level Runner-up in Cricket, Haryana

EXTRA-CIRRICULAR

Member of Guiding and Counselling Services, IIT Mandi

Former Co-ordinator of National Service Scheme, IIT Mandi

Member of Exodia Sponsorship team, IIT Mandi