VISHAL SIWACH

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EDUCATION

Indian Institute of Technology, Mandi   *August 2018 - Present*
Bachelor of Technology   CGPA: 7.84/10
Department of Computer Science and Engineering

Nalanda International School,Gohana   *April 2015-March 2017*
Senior Secondary,CBSE   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	**Other Courses**
Data Structure and Algorithms	Discrete Mathematics
Applied Databases Practicum	Linear Algebra
Information and Database Systems	Mathematical Foundations of Computer Science
Data Science I II III	Essentials of Entrepreneurship

ACHIEVEMENTS

Scored 2334 rank in IIT-JEE Advanced

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

EXTRA-CIRRUCULAR

Member of Guiding and Counselling Services, IIT Mandi

Former Co-ordinator of National Service Scheme, IIT Mandi

Member of Exodia Sponsorship team, IIT Mandi