

# VISHAL SIWACH

🌐 <https://github.com/vishalsiwach59> 🌐 <https://vishalsiwach59.github.io/> ✉ [b18091@students.iitmandi.ac.in](mailto:b18091@students.iitmandi.ac.in)

📍 B12 Hostel, Indian Institute of Technology, Mandi, HP 📞 +(91)-9416827173

*Targeting a 2-month, full-time internship position*

## 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

---

### Child Soldier

A deep learning model to identifying child soldiers through automatic age and military fatigue detection

### 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

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