

# ANKIT YADAV

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IIT Mandi,HP

## EDUCATION

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B. Tech. Electrical Engineering | Indian Institute of Technology, Mandi CGPA: 8.25/10

📅 July 2019 -Present

Senior Secondary (CBSE) | B.S.B Narela, New Delhi

Percentage: 85.8

📅 April 2017 - March 2019

Secondary (CBSE) | Delhi Public School, Hisar

CGPA: 10/10

📅 April 2013 - March 2017

## PROJECTS

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### DATA ANALYSIS - [Link](#)

- Worked on Covid-19 REST APIs for India and around the world and evaluated patient-level statistics. Used different [Machine Learning](#) techniques to predict the outcomes. Pre-processed the data by Normalization of attributes, classification of tuples using KNN and Bayes Classifier. Built the simple linear and Non-linear Regression model. Applied K-means, GMM and DBSCAN Clustering on the given data set to extract the knowledge and insights.

### COVID-19 LIVE TRACKER - [Link](#)

- Responsive Web Application to show the real-time data for coronavirus cases across the world. It takes users IP address to get the country code from GEO-PLUGIN API. I used Promises to fetch the Covid-19 data. Graph is plotted using Chart.JS. User is allowed to change the country from the country list available using search box. Tech Stack: APIs, Promises, JavaScript, HTML/CSS, Chart.JS.

### SORTING VISUALIZER - [Link](#)

- Created a web app using JAVASCRIPT to visualize how various sorting algorithm works. Useful things for this project was one Dom Manipulation and another was the timer function in Javascript. It has a simple UI and allow users to select from the various sorting techniques, controlling the speed of the visualization and generate new array of different sizes. Used the concept of DOM, Timer, JavaScript, HTML, CSS.

### BLOG APPLICATION - [Link](#)

- Made a full Stack restful application using Django which allows all CRED operations. Homepage lists all blog posts with the details of the Author, date and time of publishing. Database used was SQLite 3. I have deployed this app on PythonAnywhere. Tools used are PYTHON, DJANGO, SQLite 3, HTML, CSS.

## SKILLS

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- **Expertise Area:** Data Structures and Algorithms, Object Oriented Programming.
- **Programming Languages:** C++, Python, Javascript, HTML, CSS.
- **Tools and Technologies:** SQL, Django, MATLAB, VS Code, Git/Github
- **Technical Electives:** DBMS, Computing and Data Science, Eng. Mathematics

## ACHIEVEMENTS AND EXTRA-CIRRICULARS

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- Interviewbit Global Rank 2570.
- 4 star in Problem Solving | HackerRank
- Secured 2833 rank in IIT-JEE Advanced(2019) exam out of 1.1 million aspirants.
- Planning and Management Head | [AstraX'21](#)
- ROBONOX-2020 winner (Annual comp. of Robotronics Club, IIT Mandi)
- Core Team Member of Programming Club and Robotronics Club | IIT Mandi
- Academic Mentor @ [GOAL](#), Providing free education and Digital literacy to the tribal youth across India.
- Discuss Throw Second Runner up, Aagaaz-2019 (IIT Mandi)