# Hardik Singhal

Suratgarh, Rajasthan

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# EDUCATION

| 2019 – Present | **B.Tech - Dr B R Ambedkar National Institute of Technology \| Jalandhar, Punjab** |
|---|---|
| | • Instrumentation and control Engineering \| CGPA: 8.42 |

| 2020 – Present | **Minor Degree - Dr B R Ambedkar National Institute of Technology \| Jalandhar, Punjab** |
|---|---|
| | • Computer Science Engineering |

| 2017 – 2018<br>2015 – 2016 | **Tagore Central Academy \| Suratgarh, Rajasthan** |
|---|---|
| | • Class XII / RBSE, Percentage: 91.4% |
| | • Class X / RBSE, Percentage: 86.67% |

# EXPERIENCE

| May 2022<br>- Present | **Intern** \| Indian Institute of Remote Sensing (IIRS), Indian Space Research Organization (ISRO) · |
|---|---|
| | • Worked on Image processing with Fuzzy classification technique. |
| | • Applied kernel based classification to improve accuracy. |
| | • Worked on ISM (Individual Sample Mean) based classification. |

# PROJECTS

**Automatic Instagram Postmaker**

**Technologies Used :** Flask Framework for backend, BeautifulSoup for Scrapping.

- Developed a dynamic website with HTML , CSS and java script.
- Convert that text into a downloadable file(JPEG/PNG).
- Project was made to solve a problem for content creators those who post content on regular basis on instagram etc.

**Sorting Algorithm Visualizer**

**Technologies Used :** HTML, CSS and Javascript.

- Developed a website which selects size of array and according to selected sorting algo gives visualization effect .
- Gives visualization effects of various sorting algorithms like mergeSort, QuickSort, SelectionSort etc .

# SKILLS

- Strong in Data Structures and Algorithms
- Languages: C, C++, Python
- Web Development: HTML5, CSS3, JavaScript
- Frameworks: ReactJS
- Strong in OOPS, DBMS, Operating System,SQL

# EXTRACURRICULAR ACTIVITIES

- Volunteered in **PRAYAAS** - A Campaign for Smile (NGO), which supports the financially weaker students by teaching them.
- Certification from Coursera for Python for Beginners.

# ACHIEVEMENTS

- Achieved 1618 national rank in Codekaze 2022 among 1 lac+ participants conducted by Coding Ninzas.
- 4 star on Codechef.(Competitive Programming)
- Have more than 1200 points(650 problems) on GeeksForGeeks ,Leetcode (Link = GFG , LEETCODE)
- Solve 3 out of 5 problems in Facebook Hackercup(2021), qualified for round 1