

# Satyajeet Mazumdar

## Dual Degree | NIT Rourkela

Third Year, Metallurgical and Materials Engg.  
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## Education

2020-PRESENT  
DUAL DEGREE, MME  
NIT Rourkela  
CGPA : 8.3/10

MAY 2019  
INTERMEDIATE  
Kendriya Vidyalaya, Maithan  
Percentage: 88%

MAY 2017  
MATRICULATION  
De Nobili School, Maithan  
Percentage: 91.6%

## Links

Github:// [SatyajeetM07](#)  
LinkedIn:// [Satyajeet](#)

## Skills

GENERAL PROGRAMMING  
C, C++, HTML, React  
OPERATING SYSTEMS  
Windows, Ubuntu  
SOFTWARES  
Matlab  
LANGUAGES  
English, Hindi, Bengali

## Relevant Courses

Data Structure and Algorithms  
Data Manipulation with Python  
Data Analytics  
Operating Systems  
Web frameworks  
Computational Metallurgy  
Natural resource management  
Numerical Methods

## Work Experience/Projects

- |      |   |                        |
|------|---|------------------------|
| 2022 | <b>SERB, NIT Raipur</b>   | <b>Research Intern</b> |
|      | Worked on aluminium alloy composites. Studied the fabrication processes and the properties of the composites. |                        |
| 2022 | <b>Turito</b>   | <b>Intern</b>          |
|      | Content developer   |                        |
| 2021 | <b>Chegg</b>  | <b>Freelancer</b>      |
|      | Advanced Physics Subject matter expert  |                        |

## Projects

### Interactive Chatbot

- Designed and developed an interactive chatbot using Python and TensorFlow.
- Built a neural network-based model for natural language processing (NLP) using TensorFlow and implemented using NLTK.
- Trained the chatbot on a large dataset of conversational text using deep learning techniques.
- Conducted extensive testing to ensure the chatbot's functionality and responsiveness.

### IMDB Website Clone

- Developed a responsive IMDb clone using React, HTML, CSS, and JavaScript.
- Designed and developed the user interface, allowing users to easily search for movies and TV shows, view details about each title, rate and review them and also add to favourites.
- Utilized TMDB API to fetch movie and TV show data and dynamically display it on the website.
- Deployed the website to Netlify, ensuring fast and reliable performance.

## Extra Curricular Activities

- |           |   |               |
|-----------|---|---------------|
| 2021-2022 | <b>Music Coordinator</b>  | <b>RITVIC</b> |
|           | I've managed the musical aspect of stage plays, street plays as well as standalone music projects for the official cultural club of my college. |               |
| 2020      | <b>Volunteer</b>  | <b>NSS</b>    |
|           | I've been a volunteer of the National Service Scheme at the college level.  |               |