

# Abhishek Parashar

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## EDUCATION

### MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY

B.TECH ELECTRONICS AND  
COMMUNICATION

Expected Graduation Aug 2021  
current C.G.P.A 8.86

## LINKS

LinkedIn:// [Abhishek Parashar](#)  
Github:// [abhishek-parashar](#)  
Kaggle:// [abhiparshar](#)  
Talks:// [Machine Learning Talks](#)  
Blogs:// [Machine Learning Blogs](#)  
Youtube:// [Zero to GANs](#)

## SKILLS

Python • Data Visualisation • Data  
Preprocessing • Machine Learning  
Deep Learning • GANs • Julia • SQL  
TensorFlow • Flask • HTML • CSS  
C++ • Heroku • AWS • GCP • Docker

## RESEARCH WORK

- **Analysis of various health parameters for early and efficient prediction of sepsis**, First Author
- **Forecasting Covid-19 Cases in India using Multivariate Hybrid CNN-LSTM Model**, First Author
- **DepHNN: A Novel Hybrid Neural Network for Electroencephalogram (EEG)-based Screening of Depression**, Co-Author

## ACHIEVEMENTS

- **2 X Expert at kaggle** with overall rank of 252 and National rank 14
- Got a **cash prize of Rs. 1 lakh** for Innovation Award. Secured second rank in India
- **IEEE XTREME - Team Hustle Puff- Global Rank- 276, India Rank- 26**
- Mentor - Machine Learning, **Script Winter of Code** and **RGSOC**

## EXPERIENCE AND RESPONSIBILITY

### DRDO |DEEP LEARNING RESEARCH INTERN

New Delhi, India

My aim was to collect EEG signals (give information about brain activity) , pre-process them and then predict the cognitive ability of the person by using neural networks. Developed a product with GUI

### GOOGLE AI EXPLORE ML |FACILITATOR

New Delhi, India

The responsibilities includes teaching students machine learning and deep learning and the wonders these fields can do.

### ICLEAR TECHNOLOGIES |MACHINE LEARNING INTERN

New Delhi

I developed various models for monitoring CCTV cameras and detecting intrusion, activity recognition, etc. I also applied predictive modeling on customer data.

### GETONDEMAND |DATA SCIENCE INTERN

Santa Clara, U.S.A | Remote

Aimed at developing software with integration to Hardware. We take data from various sensors and develop a machine learning algorithm for it.

## PROJECTS

### REDDIT-FLAIR-DETECTION | [HTTPS://FLAIR-IT-UP.HEROKUAPP.COM/](https://flair-it-up.herokuapp.com/) <https://github.com/abhishek-parashar/Reddit-flair-detection>

- Scraped the Reddit Data using Reddit API. Preprocessed Data.
- Performed Analysis and predicted Flair for r/India subreddit.
- Deployed the model using flask and hosted on Heroku Platform.

### AI-DOC | [HTTPS://AI-DOC.HEROKUAPP.COM/](https://ai-doc.herokuapp.com/)

<https://github.com/abhishek-parashar/AI-DOC>

- Predicted 8 different Diseases. Like Malaria, Cancer etc.
- Gives prediction by going over lab reports. Lab reports made comprehensive
- Option to have a meeting with doctor and order medicine online.
- Developed using Flask hosted on Heroku.

### BINGE WATCHER | [HTTPS://BINGE-WATCHERS.HEROKUAPP.COM/](https://binge-watchers.herokuapp.com/) <https://github.com/abhishek-parashar/Binge-Watcher>

- Parsed data from Wikipedia and used IMDB API.
- Auto completion of movie names, Supports multiple language movies.
- Give details about cast, director and movie.
- Review sentiment analysis using NLP
- Recommends similar movies using Collaborative filtering
- Developed using Flask, hosted on Heroku platform.