

PRIYANK KHANNA

3rd year EC undergraduate

Quick and passionate learner. Avid reader and orator. Likes to learn about the latest technologies. Practicing data structures and machine learning.

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EDUCATION

B.TECH

National Institute of Technology,
Kurukshetra

08/2019 - Present

9 CGPA

Self Studied

- Operating Systems
- Networking Theory

Higher Secondary Education

Macro Vision Academy

07/2017 - 06/2019

Burhanpur, Madhya Pradesh,
India

Marks

- 12th CBSE 91.8%
- 10th CBSE 10 CGPA

PERSONAL PROJECTS

Multi Class Text Classification Model

- Classifies item based on the description available into different classes.
- Applied genism and FuzzyWuzzy library for cleaning .
- Fitted custom sequential model(BRNN with LSTM) using tensorflow.keras. Loss function - SparseCategoricalCrossentropy.
- Accuracy train 72% test 66% in 5 epoch.

Sunspot Prediction

- Predicts sunspot over data collected from 1749 to 2018 on monthly basis.
- Applied forecasting techniques like trailing moving average and differencing. Used Conv1d, LSTM and LearningRateScheduler.
- MAE 14.9 in 100 epochs.

Named Entity Recognition

- Detects and classifies important information in the content provided.
- Model - pre trained DistilBertTokenizerFast transformer.
- Accuracy 0.7537 in 3 epochs.

Web Crawler and ranker

- Used python with sqlite3, beautifulsoup, urllib module.
- Crawls through the given link and stores all links it encounters in database. Ranks pages on the basis of number of links. Treats a repeated link as new one.

WORK EXPERIENCE

Data Science And Business Analytics Intern

The Sparks Foundation

04/2021 - 05/2021

Online

Achievements/Tasks

- Developed ML models for analyzing data using sklearn, pandas.
- Used matplotlib.pyplot and seaborn for visualizing data.
- Performed EDA on the IPL datasets given.

SKILLS

Deep Learning

Machine Learning

Tensorflow

Sckit-learn

Python

Docker

Flask

REST API

Mysql

C++

Data Structures / Algorithms

HTML/CSS

Javascript

Matlab/Ocatav

Git

ACHIEVEMENTS

24/3000 Rank in amazon ML challenge

Built a model over a dataset of 3 million+ data classified into 9919 classes.

81 Rank global codechef October challenge

Participated and got recognized in drone challenge at IIT Mumbai.

2 silver and 1 bronze medal in school at SOF National Cyber Olympiad

Active Member of College Clubs

Google DSC, Embedded Systems and Robotics Club, English Literary and Debating Club, Aeromodelling, Innovation and Incubation Club.

Volunteer At Art of Living NGO (2019 - Present)

Organized 10+ workshops with my team.

CERTIFICATES

Coursera Tensorflow Developer Professional Certificate

Build image classification, nlp and time series model using tensorflow.

Coursera Deeplearning.AI specialization

Basics of NLP, CNN, RNN, LSTM, Transformers, Optimization Algorithms and Hyperparameter Tuning. Implemented with Tensorflow, Numpy and Pandas.

Udemy Machine Learning A-Z™: Hands-On Python In Data Science

Applied data processing, ml supervised and unsupervised algorithms, clustering, reinforcement learning, Dimensionality reduction, xgboost.

Udemy Mastering DSA using C and C++

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

Technology

Psychology

Table Tennis

Reading