# 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.

priyankkhanna2001@gmail.com 🔀

8349909273

Satna, India

priyankkhanna.github.io/

linkedin.com/in/priyank-khanna in

### **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, beautifulsoap, 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

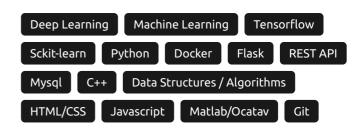
04/2021 - 05/2021

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**



### **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

Hindi

Full Professional Proficiency Native or Bilingual Proficiency

# **INTERESTS**

Technology | Psychology

v Table Tennis

Reading