

Nikhil Dugar

Machine Learning Engineer

Nikhil Dugar
<https://nikhildugar.github.io/Digital-Portfolio/>
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I enjoy programming and solving problems. I prefer working in a team where I have an opportunity to grow my skills .

Skills

Tensorflow , Python , SQL , Scikit-Learn , Selenium , OpenCV , Beautiful Soup

Experience

BigBasket / Software Developer Intern

January 2021 to July 2021, Bangalore

- Learned software engineering process improvements and best practices.
- Upgraded and added APIs to maintain smooth-running systems.
- Collaborated effectively with members of the software development team and personnel in other departments.

Education

NIIT UNIVERSITY /B.Tech CSE

June 2017 - July 2021, Neemrana

GPA: 7.86. Specialisation - Artificial Intelligence.

Certifications

- Machine Learning - Learned about basic Machine Learning algorithms and intuitions regarding the same through implementing them on Matlab.
- Deep Learning Specialization on Coursera - Learn various basic Deep learning techniques. Practised- Hyperparameter Tuning, Regularization and Optimization, Gained insights on CNN and RNN models.
- Python for Data Science course by Swayam - Learned about numpy,pandas and sklearn through multiple Case studies.
- Convolutional Neural Networks in Tensorflow - implementing a CNN while learning about Tensorflow's various functionalities.
- Natural Language Processing in TensorFlow - Building various text and speech related RNN , GRU and LSTM models .Like Sentiment Analysis and Sarcasm Detection.

Projects

- **Built an Image captioning program using Encoder-Decoder model (Python)**
A python based application that takes an image as input and outputs a caption using RNN for text generation.
- **Job Scraper (Python,Selenium)**
A solo python based application that takes skill/type of job as input and a location of the job (optional) to search and parse through all the results on sites like naukri .com, monster .com, and indeed .com.
- **Fraudulent website detector (Python, SkLearn, Flask)**
This project is a web app wherein a user can add a URL and get to know if that site is unsafe. I employed a Logistic Regression model that uses 14 traits of fraudulent websites for detection and is easily scalable to add more features.
- **Image Dataset Maker(Python, bs4, selenium)**
This program uses web scraping to download images from google image search instantly and can be helpful in making image datasets. This uses bs4 and Selenium to scroll the webpage and get more images.