

Shivam Prakash

Education

Aug 2018 - present International Institute of Information Technology, Bhubaneswar
Bachelor of Technology, Information Technology

Projects

- present **Assistive Vision using Image Caption Generator**
- Web app using Django, which could be used for the visually impaired, implemented using Image Caption Generator Model (CNN+LSTM)
 - Used Pretrained VGG 16 model for extracting image features and LSTM for generating captions
 - Integrated text to speech and voice activation
- Tech Used - Django, Keras, Tensorflow, HTML, CSS, JS**
- Nov 2020 -Dec 2020 **Sentiment Analysis (Python)**
- https://github.com/shivamprakashsp/Sentiment_Analysis
- Webapp (using Flask) which predicts sentiment based on input Text.
 - Compared normal LSTM and Bi-LSTM performance
- Tech Used - Keras, Tensorflow, Flask, HTML CSS, Bootstrap**
- Mar 2020 -Apr. 2020 **Crop Yield Predictor and Fertilizer Recommendation**
- https://github.com/shivamprakashsp/Farm_yield_predictor_and_Fertilizer_Recommendation
- Web App (using Streamlit) that predicts yield on the basis of soil, weather and land data and recommends a fertilizer.
 - Performed yield prediction using a tree-based supervised learning model i.e. Random Forest
 - Performed Fertilizer prediction using Support Vector Machine Classifier
- Tech Used - sklearn, Streamlit**

Certificates and Achievements

- Completed Deep Learning Specialization with **95.296 %** score
DeepLearning.io (Coursera)
<https://www.coursera.org/account/accomplishments/specialization/certificate/DXVR7FFMZ2SH>
- Completed Statistics with R Specialization with **93.496 %** score
Duke University (Coursera)
<https://www.coursera.org/account/accomplishments/specialization/certificate/PHND6RYFYB6L>
- 400+ points on GeeksForGeeks, **Ranked 15 out of 919 among registered geeks in my college**
110+ Data Structures and Algorithmic questions solved.

Personal Info

Email
shivamprakashsp@gmail.com

Phone
6370726904

GitHub
<https://github.com/shivamprakashsp>

LinkedIn
<https://www.linkedin.com/in/shivamprakashsp/>

Programming Languages

C++
Python
JavaScript
R

Technologies

Tensorflow and Keras
Django
Flask
Node.js
Docker
Git
MySQL, MongoDB
HTML, CSS, Bootstrap

Operating System

Windows
Linux

Courses

OOPs with C++, Data Structures and Algorithms, Operating System, Computer Networks