

Navyasri N

Email: navyasridhar046@gmail.com

Phone: +91 8438732911

Career Objective

- To obtain a faculty position in an innovative and developing environment where I can use my expertise for the potential growth of the self, organization and society.

Educational Qualification

- **Master of Computer Science and Engineering (2014-2016)** with First Class in Nagarjuna College of Engineering and Technology, VTU, Karnataka, India
- **Bachelor of Information Technology (2010 –2014)** with First Class in Excel Engineering College, Komarapalayam, Anna University, Chennai, India

Skill Set

- Language : Python, HTML,
- Data Manipulation : NumPy, Pandas
- Data modeling : Scikit – Learn Library
- Technology : Machine Learning models, NLP, CNN, Deep learning
- Database : SQL
- IDE : PyCharm
- Operating Systems : Windows 7/8/8.1/10
- Framework : Flask, Django

Experience

Experienced in Data Science with 1+year in Machine Learning, visualization of data and predictive modeling.

Project Details

Title : A hybrid approach for spam detection for Twitter (IEEE published).

Role : Fetching, Cleaning the data, Code development.

Platform : Google colabs, Jupyter Notebook

Work Location: Real Time Signals, Bangalore

Project Description: In this project we used content-based as well as graph-based features for identification of spammers on twitter platform. We have analyzed the proposed technique on real Twitter dataset with 11k users and more than 400k tweets approximately by applying Random forest classifier.

Title : Live Camera Monitoring using webcam, Pi camera.
Role : Making the database, Code development, Project deployment.
Platform : Jupyter Notebook, Raspberry pi

Project Description: In this project we designed and implemented a security system based on webcam and Raspberry Pi Module. The system should be able to detect motion (intruder), from a camera to take frames. We used support vector, Principal component algorithm the most effective techniques that can be helpful to mankind in the most effective way.

Title : Extracting the text from the image using pytesseract and creating a model for NLP assessment.
Role : Designing, developing and optimizing the code for the Machine Learning models.
Platform : Jupyter Notebook, Google colabs.
Project Description : Creating a data set by extracting the textual data from the image using a OCR method appending the data to the dataframe for the further analysis.

Title : Face Emotion Recognition using Gabor filter and Convolution Neural Networks.
Role : Code development , Project presentation.
Platform :Jupyter Notebook, AWS S3 bucket, Google colabs.
Project Description: In this project we used Gabor filter and Convolutional Neural Network model. CNNs work better for image recognition tasks since they are able to capture special features of the inputs due to their large number of filters. The proposed model consists of six convolutional layers, two max pooling layers and two fully connected layers, where we categorize the data into five types of emotion and classifying the test data after training the model.

Declaration

I hereby confirm that information given above is true in my knowledge.

Yours truly

(NAVYASRI N)