

Purnasai Gudikandula

Aspiring Machine learning engineer

A Machine learning enthusiast wanting to utilize my Technical and interpersonal skills in a dynamic organisation to help create new strategies leading to smart and effective solutions.



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EDUCATION

Computer science Engineering(B.TECH)

Usha Rama college of Engineering and technology(JNTUK university)

09/2014 – 04/2018

71%

Project:

- Emotion Detection using Opencv and python

PROJECTS

Neural network from scratch

Code here [↗](#)

12/2018

Built An Image classifier from scratch using python that demonstrates how the neural network works under the hood.

Image classifier of Dogs and Cats using CNN

Code here [↗](#)

01/2019

Built An Image classifier that classifies images of Dogs and Cats with an Accuracy of 98% using Convolutional Neural Network

Convolutional Neural Network with Hand written MNIST digit classification

code here [↗](#)

02/2019

Built Effective Convolutional Neural Network that can classify hand written MNIST digit classification with an accuracy of 98%

Artistic Neural Style Transfer using pytorch

code here [↗](#)

03/2019

Coded Artistic Neural Style Transfer that transfers style of content image to the target image that enables creativity of Neural Network

STRENGTHS

softskills

- Hard work
- Team leader
- Quicklearner
- Adaptability

SKILLS

python Machine learning Datascience

Deep learning Neural Network statistics

github Exploratory Data Analysis

convolutional Neural Network jupyternotebook

CERTIFICATES

Python for Data science and Machine learning (09/2018) [↗](#)

Learnt Pandas for Data analysis, learnt to implement several Machine learning algorithms.

Machine Learning A-Z & Hands on python for Data Science (12/2018) [↗](#)

Had a great intuition of and built many Machine Learning models, intro to Deep learning.

Machine learning By AndrewNG (01/2019) [↗](#)

Linear Regression, Logistic regression, Artificial Neural network, Machine learning algorithms

Neural Networks and Deep Learning (02/2019) [↗](#)

Artificial Neural Network, Back propagation, Deep learning

Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization (02/2019) [↗](#)

Bias variance trade off, Regularization, over fitting

Structuring Machine Learning Projects (02/2019) [↗](#)

Train/Test/CV sets splitting, Transfer learning

Convolutional Neural Networks (03/2019) [↗](#)

Image classifier, Neural Network, Convolutional Neural Network

LANGUAGES

Telugu

Native or Bilingual Proficiency

English

Full Professional Proficiency

Hindi

Elementary Proficiency

INTERESTS

Machine learning engineer

Data scientist

Deep learning engineer

Research scientist