Sandeep Yadav

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EDUCATION

UNDERGRADUATE	**Institute of Engineering &Technology Lucknow**	AUG 2017 - PRESENT

- ➢ B. Tech in Computer Science and Engineering.   **CGPA: 8.08**
- ➢ Graduate Coursework: Computer Architecture; Algorithms; Computational Theory; Operating Systems; C-Programming; Engineering Mathematics

PROJECTS

- ➢ **HAND WRITTEN DIGIT CLASSIFICATION** Created hand written digit predictor using keras (TensorFlow) to get a test accuracy of 99.35% also live prediction of handwritten digits.(link) .This model got 756 rank at Kaggle competition.
- ➢ **IMAGE CLASSIFICATION**. Developed a cat image classifier using the single neuron neural network to get an accuracy of 92% and 2 layer deep network on Cat classifier with 98% accuracy (COURSERA assignment project).
- ➢ **REAL TIME STOCK PRICE PREDICTION** A python UI (tkinter) based system to predict stock using linear regression with accuracy above 99% (link)
- ➢ **TWITTER TWEETS SENTIMENT ANALYSIS**. A system to predict sentiment of latest 200 tweets of user and also produce visualization graphs. Using twitter API (link)

EXPERIENCE

MACHINE LEARNING SUMMER TRAINING UNDER AMIT KR SINGH   JUNE 2019 - JULY 2019

- ➢ Learned about Machine Learning Algorithm (i.e. Liner Regression, Logistic Regression, K-Nearest Neighbor, SVM, Decision Tree and Random Forest, K-means Cluster) write them from scratch
- ➢ Build Amazon Reviews analyzer using amazon review dataset

ACHIEVEMENTS AND AWARDS

- ➢ Get global rank under 4000 in Google code jam 2019 qualification round.
- ➢ NPTEL course on Machine learning for engineering and science application (certificate)
- ➢ Coursera course on Neural Network and deep learning.
- ➢ Coursera course on Data Structure and Designing of Algorithms. (certificate)
- ➢ IBM batch for python Data Analysis (certificate)
- ➢ Solved about 700+ coding question on various online coding platforms.
- ➢ Mentor at IIT Kharagpur open source competition.

LANGUAGES , FRAMEWORKS & TECHNOLOGIES

- ➢ C++ (Advance), Python (Advance), Data Structure and Algorithms (Advance), Git.
- ➢ Tensorflow2.0 (medium), numpy(advance), pandas(advance), skit-learn(advance)
- ➢ JavaScript, Bootstrap, jQuery, Node.JS, Express.JS, SQL, MongoDB, Raect.JS