UDAY KIRAN REDDY KONDREDDY

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EXPERIENCE

Synopsys — Hyderabad, India
Technical Intern (Machine Learning) — Oct 2018 | Present

- Deployed Spark architecture using standalone mode.
- Deployed anomaly detection model on spark using Scala and a python wrapper on it.
- Developed keyword extraction model and sentiment analysis on IT support tickets.

Learn.MachineLearning community — Hyderabad, India
Founder — January 2019 | Present

- It is a thriving community of 80000 ardent machine-learning and artificial intelligence enthusiasts across India on Instagram(@learn.machinelearning).

MUST research academy — Hyderabad, India
Research Associate (Part-time) — November 2019 | Present

- Developed a course content and assignments for Computer vision, Time series forecasting, Anomaly detection and Business intelligence topics.
- Helping students to complete their capstone projects.

Smatsocial — Hyderabad, India
Machine Learning Intern — July 2017 | Oct 2018

- Multi-label classification algorithm to classify comments on social media pages.
- Created a recommendation system to recommend relevant posts to the clients based on their previous activities.
- Created a RASA NLU chatbot based on client preferences.

EDUCATION

K L University — Guntur, Andra pradesh
B.Tech Computer science *GPA: 8.27* — Aug 2014 - May 2018

TECHNICAL EXPERIENCE

Morse code generation with fingers *python, Machine learning*
My idea is to generate Morse Code with fingers. if we open 1 finger it is small beep, if 2 fingers it is long beep, if 3 it is start capturing/reset new character pattern, if 5 stop capturing current character, if 4 add space.

Multi class Sentimental analysis *Python, Machine learning*
This project is used to classify the tweets into multiple categories like (happy, suggestion) or (neutral, suggestion, questioning) etc... We used to train the model with w2v and majority voting to classify the tweet. And a tool which makes annotation easy and fast.

Translating from language to language using the voice of the same person. *Python, Machine learning*
Translation of one audio(English) to another audio(Hindi) using the voice of the same person, with the help of phonetics and which includes a three step process like speech to text, text to text, and text to speech.

ACHIEVEMENTS AND CERTIFICATIONS

1st place at a National level coding competition — K L University
Awarded with a 25K cash prize and top team among 80 teams. — Feb 2018

1st place at IBM IOT Hackathon — IBM
Awarded as the best reminder system among 10 teams. — July 2017

LANGUAGES AND TECHNOLOGIES

Python, Deep learning, Machine learning, Git, VIM, FBprophet, stats model, TensorFlow, Keras, sklearn, PYSpark: