Rohan Reddy Chirasani

Rohan Reddy Chirasani

69, Krushi Defence Colony, Patancheru
Hyderabad, 502319

7995508414
Email -- rohan.ch.reddy@gmail.com
Github Profile -- https://github.com/rohanreddych
LinkedIn Profile
-https://www.linkedin.com/in/rohan-reddy-358498152/

Skills

→ Programming Languages - Python, C, Java, Matlab, Swift.

Python is my primary programming language with working proficiency in the rest of the languages.

→ Web Development - HTML, CSS, JavaScript, Flask

Libraries - React, NodeJS

Servers - Nginx

→ Machine Learning and Neural Networks - Tensorflow, PyTorch, SkLearn

Tensorflow is my primary deep learning library with elementary knowledge in PyTorch. Proficient in Sklearn.

→ Shell Scripting and Linux

Experience

University Of Hyderabad / Research intern

December 2019 - PRESENT,

Working under Dr Chakravarthy Bhagvati for creating a deep learning model for document image binarization.

stallman.org / Volunteer

July 2019 -Present,

Volunteered for creating installing pol notes on Open Source leader Richard Stallman's personal website stallman.org.

TensorFlow / Volunteer and Open Source Contributor

December 2019 -Present

Volunteered for contributing code and documentation for the deep learning library TensorFlow.

Education

University Of Hyderabad / Integrated M.Tech

2018 - 2023*, Hyderabad

Currently studying in the second year of integrated masters course with specialisation in computer science.

Current CGPA - 8.3*

Google / Practical Machine Learning with TensorFlow

2019

In this online course by Google India and IIT Madras, I learnt about the applications of machine learning and neural networks.

Intel / AI from Datacenter to Edge

2019

In this online course offered by Intel AI, I learnt how we can use edge technologies to use machine learning for various applications.

Awards

Master The MainFrame Challenge 2019

I completed the IBM MTM Challenge (Level 2) and was awarded an online badge of recognition.

Finished #6 in Smart India Hackathon 2020

Qualification Round held at University Of Hyderabad

Projects and Experiments

- **Real-Time Forex and Cryptocurrency prices app**
  - Python-based GUI app which gets prices of forex, cryptocurrency and stocks in realtime.
  - Future Work -- Planning to include stock and currency value prediction using machine learning and sentiment analysis of news feed in real-time.
- **Livestock Database**
  - Created a web app interface along with a livestock database as part of Smart India Hackathon 2020.
  - Future Work -- Planning to use Blockchain technology instead of a traditional database.
- **Several Data Science projects which involved analysis, exploration and modelling of raw data from web scraping.**
  - On HackerEarth and kaggle