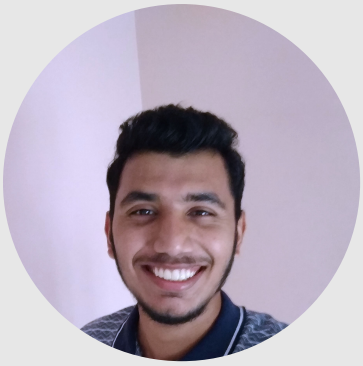

Rohan Shetty

Deep Learning Intern

10 August 1998

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About me

Final Year Engineering student at DSCE, Bengaluru. Inquisitive, Hard-Working and Consistent. Looking for job opportunities in the field of Data Science Deep Learning where I can apply my skills and contribute to real-world projects. Proficient knowledge in Statistics, Analytics, Machine Learning, Computer Vision and Programming Tools. Experienced at creating interactive visualizations and dashboards, using predictive data modelling, analyzing the results to deliver useful insights, building CNNs from scratch(also transfer learning) using PyTorch.

Skills

- Computer Vision
- Data Visualization
- PyTorch
- Machine Learning
- Data Analysis
- Python

Interests

Non-Fiction, Football Analytics, Video Games

Education

2020-Present Extensive Vision AI Program - 96% — Bangalore
The School of AI

2016-Present B.E. Civil Engineering - 8.2 CGPA — Bangalore
Dayananda Sagar College of Engineering

2016 Class XII - 91% — Udupi
Poornaprajna Pre-University College

2014 Class X - 94% — Udupi
Nirmala English Medium School

Projects

github.com/Gilf641

Jul'20-Aug'20 MODEST
Depth Estimation using Monocular Image
-Created a Dataset of around 1.2 Million Images.
-Generated Depth Maps using Dense Depth Model.
-Used PyTorch to implement U-Net for Image Segmentation and Depth Estimation.

Jun'20-Jul'20 ShinyCan
Waste Materials Detector using YoloV3
-Created a Dataset close to 600 Images of Metal Can.
-Manually annotated images using Python Annotation Tool.
-Implemented RICAP as a Data Augmentation Technique.
-Used PyTorch framework to implement YoloV3 trained on COCO.

Aug'20-Sep'20 ForgottenPlutonium
Image Classifier using PyTorch.
-Augmented Dataset with Albumentations library.
-Used ResNet18 and achieved around 51% validation accuracy.
- Implemented SuperConvergence by using LR-Finder to find Max LR.

Jan'20-Mar'20 Attendance Tracking System
ATS for Mobile and IOT Devices using Face Recognition.
-Used OpenCV for Face Detection and implemented VGGFace Model for Face Recognition.
-Used Keras framework to implement VGGFace.
-For Data Logs, used SQLite DB and interacted using sqlite3.
-Created an interactive UI using Python's Tkinter library.

Experience

July'19-Aug'19 Data Science Intern — Redwood Algorithms, Bangalore
Formulated Daily, Weekly and Monthly Sales Performance reports using R.
Created various Data Visualization charts for a Media Client.
Customized Salesforce Template form to increase the data capture.

Jan'20-Mar'20 Machine Learning Intern — Makonis Software Solutions, Bangalore
Engineered a Face Recognition System for IOT Devices using Python.
Developed an Interactive UI using tkinter from Python.
Updated Data logs in SQLite Database and interacted using sqlite3.

Relevant Courses

MySQL, Data Analysis using Python, Machine Learning, Deep Learning

Familiar Libraries

caret, StringR, rpart, ggplot2, dplyr, NumPy, Pandas, Scikit-Learn, OpenCV, PyTorch