RUSHABH VASANI

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B.Tech. in IT student, passionate about Software Engineering, Open Source and Applied ML.

TECHNICAL SKILLS

Backend Development
Computer vision
Natural language processing
Data structures and algorithms
Linux & Shell scripting
Git

PROGRAMMING LANGUAGES

Python
C
C++

DS/AI TOOLS

PyTorch
TensorFlow
Pandas
Scikit-learn
CuPy
Fast.AI

EDUCATION

B.Tech in Information Technology

Charusat University, Gujarat, India.
CGPA: 9.19 [up to 5th semester]

MOOCS

DeepLearning.AI TensorFlow Developer
Practical Deep Learning for Coders
Computational Linear Algebra

HOBBIES

Contributing to OSS
Blogging
Poetry

EXPERIENCE

SDE Intern @ Jain And Golechha   *Dec 2020 –*
Building rapidgst.com

OSS Contributor
Contributed to **CuPy**, **Pandas**, **TensorFlow**, **Scikit-learn**, **Fastai**, etc. details 🔗

PROJECTS *(in order of impact)*

RAPID GST 🔗
- A web-app to automate GST input tax credit reconciliation.
- Users can upload their GST and account statements and the app will generate a fully analysed reconciliation report.
- ***Azure Functions, Pandas, CI/CD, Unit Tests***

LINUX FACE UNLOCK 🔗   *Sep 2019 – Oct 2019*
- A face authentication system for Ubuntu Linux that works while logging in, running "sudo" commands, etc. with a user-friendly CLI to operate it. Created a PPA for ease of installation.
- ***PAM, Debian Packaging, PPA***

TWEET SENTIMENT EXTRACTION (KAGGLE) 🔗   *Apr 2020 - June 2020*
- Given tweets and sentiments (positive/negative/neutral), constructing a model that can look at the sentiment for a given tweet and figure out what word or phrase best supports the sentiment.
- *Jaccard score: 0.715*
- ***Pytorch, roBERTa***

TWENFLUENCE (TWITTER - CODECHELLA) 🔗   *Nov 2020*
- Created backend for a web-app to find an expert in any domain/area. This app processes every tweet in that topic/hashtag and finds the most influencing tweets and twitter users.
- *Twitter Hackathon (team of 5)*
- *Python,* ***Flask, Tweepy (Twitter's API)***

RECOGNIZING FACES IN THE WILD (KAGGLE) 🔗   *Jun 2019 – Aug 2019*
- Train a model that can predict whether two people are in blood relation of each other or not by looking at the picture of their face.
- *AUC ROC Score: 0.905*
- *41st on the leader-board.*
- ***Tensorflow****, Keras,* ***dual-input CNN***

GOOGLE RESEARCH FOOTBALL (KAGGLE) 🔗   *Oct 2020 – Nov 2020*
- Created static agents to play 11 vs 11 Football.
- *45th on the leader-board (silver medal).*

APTOS 2019 BLINDNESS DETECTION (KAGGLE) 🔗   *Jun 2019 – Aug 2019*
- Trained a model to predict the severity of diabetic retinopathy on a scale of 0 to 4.
- *Quadratic weighted kappa score: 0.883*
- ***Pytorch, Fastai***

VOLUNTEERING

- Open Source **project mentor** at SLoP '20.
- **Blogger** at **Towards Data Science** and **Analytics Vidhya**.
- CodeChef College Chapter President.
- Hosting a local study group of AI and CS.