

RUSHABH VASANI

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

Number: +91 9426627469

Email: vasanirushabh24@gmail.com

Website: rushabh-v.github.io

[G](#) [rushabh-v](#) [in](#) [rushabh-v](#) [k](#) [rushabhvasani24](#) [M](#) [vasanirushabh24](#)

EXPERIENCE

SDE Intern @ Jain And Golechha

Dec 2020 –

Building rapidgst.com

OSS Contributor

Contributed to **CuPy**, **Pandas**, **TensorFlow**, **Scikit-learn**, **Fastai**, etc. [details](#) [link](#)

PROJECTS (in order of impact)

RAPID GST [link](#)

- 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 [link](#)

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) [link](#)

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) [link](#)

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) [link](#)

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) [link](#)

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) [link](#)

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.