

RUSHABH VASANI

AN AI AND OPEN SOURCE ENTHUSIAST

Information Technology undergrad, seeking to learn and apply AI to solve real-world problems.

PROFESSIONAL SKILLS

Computer Vision
Data Science
Natural language processing
Data structure and Algorithms
Git

PROGRAMMING LANGUAGES

Python
C
C++

DS/AI TOOLS

PyTorch
TensorFlow
Pandas
Scikit-learn
CuPy
Fast.AI


HOBBIES


Contributing to OSS
Competitive Programming
Blogging
Poetry
Dancing


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 [rushabhvasani24](https://kaggle.com/rushabhvasani24)

 [vasanirushabh24](https://medium.com/@vasanirushabh24)

PROJECTS

LINUX FACE UNLOCK

Sep 2019 – Oct 2019

- A face authentication system for Ubuntu Linux which authenticates the user while signing-in and while running "sudo" command.
- *opencv, face_recognition, Pluggable-authentication-module (PAM)*

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 leaderboard
- *tensorflow, keras, dual-input CNN*

APTOS 2019 BLINDNESS DETECTION (KAGGLE)

Aug 2019


- Using a dataset with a large number of retina images taken using fundus photography under a variety of imaging conditions, train a model that can predict the severity of diabetic retinopathy on a scale of 0 to 4.
- Quadratic weighted kappa score: 0.883
- *pytorch, fastai*

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*

VOLUNTEERING

- Contributor to OSS libraries such as **TensorFlow, Pandas, Scikit-learn, PyMC3, CuPy** etc. [details](#) 
- [Blogger](#) at Towards Data Science and Analytics vidhya's medium publications.
- Running a study group where we talk about latest technologies, AI and computer science in general.

ACADEMIC BACKGROUND

B.Tech in Information Technology

CHARUSAT University, Gujarat, India.

CGPA: 9.22 [up to 3rd semester]

Higher Secondary Education

Shayona Vidhyavihar higher secondary school, Ahmedabad, Gujarat, India.

Percentile: 87.51

Secondary Education

Tapovan Sanskarpith Vidhyalaya, Gandhinagar, Gujarat, India.

Percentile: 98.87

MOOCs

- [TensorFlow in Practice specialization \[4 courses\]](#), *coursera*
- [Practical Deep Learning for coders](#), *fastai*
- [Deep learning from the foundation](#), *fastai*
- [Computational Linear Algebra](#), *fastai*