

RUSHABH VASANI

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

PROFESSIONAL SKILLS

Computer Vision
Data Science
Natural language processing
Data structure and Algorithms
Linux
Shell Scripting
Git

PROGRAMMING LANGUAGES

Python
C
C++

DS/AI TOOLS

PyTorch
TensorFlow
Pandas
Scikit-learn
CuPy
Fast.AI


HOBBIES


Contributing to OSS
Blogging
Poetry
Dancing


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 [rushabh-v](https://www.linkedin.com/in/rushabh-v)

 [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 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**(Pluggable-authentication-module), **Debian Packaging**, **PPA**(personal Project Archive)

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**

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**

EXPERIENCE

- Contribution to **CuPy, Pandas, TensorFlow, Scikit-learn, Fastai, PyMC3**, etc. [details](#) 
- Open Source **project mentor** at [SLoP '20](#).
- **Blogger** at **Towards Data Science** and **Analytics vidhya**'s medium publications.
- Codechef campus chapter representative.
- Hosting a local study group of AI and CS.

ACADEMIC BACKGROUND

B.Tech in Information Technology

Charusat University, Gujarat, India.

CGPA: 9.27 [up to 4th 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

- [DeepLearning.AI TensorFlow Developer](#), *coursera*
- [Practical Deep Learning for coders](#), *fastai*
- [Computational Linear Algebra](#), *fastai*