



RUSHABH VASANI

AN AI AND OPEN SOURCE ENTHUSIAST

CAREER OBJECTIVE

Learn and apply AI to solve real world problems.

PROFESSIONAL SKILLS

Machine Learning
Data Science
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
Poetry
Dancing

CONTACT DETAILS

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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

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.
- *Pytorch, fastai, opencv*

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.
- 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.
- *pytorch, fastai*

TWEET SENTIMENT EXTRACTION (KAGGLE)

Apr 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.
- *pytorch, roBERTa*

VOLUNTEERING

- Contributor to OSS libraries such as **TensorFlow, Pandas, Scikit-learn, PyMC3, CuPy** etc. [details](#) 
- Running a study group where we talk about latest technologies, AI and computer science in general.

MOOCs

- [Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning](#), *coursera*
- [Convolutional Neural Networks in TensorFlow](#), *coursera*
- [Practical Deep Learning for coders](#), *fastai*
- [Deep learning from the foundation](#), *fastai*
- [Computational Linear Algebra](#), *fastai*