



# FAIZAN SHAIKH

## MACHINE LEARNING DEVELOPER



CHECK MY PORTFOLIO



### ABOUT ME.

I am a computer geek. I am fast at learning new tech. I have enthusiastic energetic motivated and committed attitude. I am good at writing quality and clean code, I am strong in algorithms, data structure, logic and programming. I am good at communication and hence good at working with team and also as a individual. I have good leadership and management quality as I have lead in many projects.



### COMPETENCIES

- Machine learning and deep learning
  - Data Mining
  - Data Processing
  - Data Cleaning
  - Data Visualization
  - Machine Learning Algorithms
  - Statistical Computing Methods

## EDUCATIONAL PROFILE

### NAVARACHANA UNIVERSITY

COMPUTER SCIENCE AND ENGINEERING  
JUNE 2017 - APRIL 2021

- Had learned and achieved good grades in core subjects like Data Structure, Artificial Intelligent, Operating System, Computer Networks, Design and Analysis of Algorithms and many more.

## RELEVANT EXPERIENCE

### CO-FOUNDER

ATRIS | JUNE 2020 - PRESENT

- Co-founder of Startup ATRIS.
- Atris Stands for Auto Transcribe Intelligent and Smart
- Atris is AI based startup mainly automating M.O.M.S (minutes of the meeting).
- We automate generation of meeting, lecture and conference notes and present to you in a very sophisticated UI.
- We also have very cool features such as individual speaker text separation, M.O.M.S (minutes of the meeting), ai based meeting summary, meeting sentiment analysis, searchable meetings and much more.
- Currently in development phase ( ALPHA).
- As, the startup co-founder I am responsible the development of the backend - including developing microservices with latest cutting edge tech in A.I - ML and backend frameworks.
- For more information visit -
- <https://atris.multipi.tech>

### MACHINE LEARNING/DEEP LEARNING DEVELOPER

XITECH/FIFTH VENTRICLE | SEP-DEC 2019

- I have been a core developer for the smart stethoscope Project.
- I have custom trained breathing and heart pattern to detect any abnormal breathing of a person.
- Using deep learning technique on audio I was able to detect abnormality in heart and breathing waves

- Machine learning and deep learning framework/ Library  
Tensorflow, PyTorch, Keras, scikit learn, Theano, OpenCV, YOLO, Pandas, Matplotlib, NLTK, Spacy
- Backend  
django, django rest, flask, FastAPI, Apache Kafka, Node.js
- Frontend  
React, Flutter, Bootstrap, HTML/CSS
- Cloud Servies  
AWS, GCP , AZURE
- CI/CD  
Github Action, Travis, Netlify, Gitlab CD, Azure Pipeline
- Devops  
Docker, Docker Compose
- Vcs  
Git, Github, Gitlab, Bitbucket
- Other expertise  
Android(Java), Flutter, Unity(c#), MERN stack, webapps, Windows app.
- Database  
MySQL, MongoDB, MariaDB, Firebase, sqllite3
- Programming Languages  
Python, dart, c, c++, c#, java

sent from digital stethoscope.

- I have developed a real time licence plate detection which can detect licence plate of a moving vehicle and extract Characters/Numbers on it.
- I have developed webserver and APIs for deep learning models using django and flask.
- I also have implemented FastAPI for all my audio realted models.
- Had developed face recognition,blink detection, Character recognition, handwriting recognition and many other ML/DL models.

## ANDROID DEVELOPMENT INTERN

IDEAL HR CONTRIVANCES | JUNE 2018

- Did My Internship in First Year of College as an Android Developer.
- As an intern I with a team of 3 developed a Full Stack Android app used for Providing an end to end Hiring Solution with a User and Admin Interface.

## PERSONAL PROJECTS

### BLACKBOX

- Blackbox is an Artificial Intelligent Market Place this is one the major project on which i am working.
- Blackbox is basically a platform that will provide trained machine learning and deep learning model for the developers who want to integrate some AI in their project
- Blackbox is currently in Alpha phase and it will be launch as a SAAS startup once it development is completed
- Blackbox contains the deep learning model as a microservice which include models related to audio, vision and text.
- The frontend is build using React
- The web platform will give ready to use API endpoints which is currently deployed on AWS.

### SILLY CAM

- SillyCam is an android app which is fun app used to create meme using deep fake.
- The app is build using flutter and it uses advance deep learning algorithms to generate the deepfake.



### CERTIFICATE

- Fundamentals of Computing  
By. Rice University
- Data Structures and Algorithms  
University of California San Diego
- DeepLearning.AI TensorFlow Developer
- Python for Everybody.  
University of Michigan

## AWARDS AND HONOURS

- Best Software Startup in city  
<https://bit.ly/ssip-award>
- Silly Hack auth0 winner  
<http://bit.ly/sillyhack>

## INTEREST

- Astronomy
- Quantum Physics
- Gaming
- Game Designing
- Artificial general intelligent
- Quantum Computer

## SOCIAL MEDIA HANDLING



[twitter.com/sentryprimez](https://twitter.com/sentryprimez)



<https://bit.ly/3bjfFg3>



<https://bit.ly/2TiYvzD>



<https://bit.ly/3g4kK5N>



<https://bit.ly/3g4jUGv>



<https://bit.ly/2zbng9N>

## CONTACT INFORMATION

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Vadodara, Gujarat, India

## REAL TIME FACE BLUR

- This Project was created to blur the faces in videos and in real time I use the deep learning to track the face in the video and blur it.
- This is the ongoing project that can track the face and I can apply any filters to the tracked faces or any object.
- This project was intended for GSOC 2020
- I use OpenCv to for tracking the face and blur it.
- Find out here : <https://bit.ly/2X5gB9c>

## AUDIO CLASSIFICATION

- This Project was created using advance deep learning concepts like LSTM to classify all type of urban sounds.
- It was trained and tested on LSTM model using the Dataset that can be found on kaggle.
- I use FastAPI for the backend and the frontend display of model
- This Project was build with an intention to keep it as a base for future audio related projects.

## FACE AGEING

- This Project used Preserved Conditional Generative Adversarial Networks to Classify and increment the age of a person.
- It used deep learning frameworks like Tensorflow to create a model that can classify persons of different age group

## COVID19 PREDICTION MODEL

- This Project uses support vector machine to predict the time series of active cases of covid.
- It predict the rise of cases in upcoming days, Mortality rate and death toll prediction.
- This Project is opensourced: <https://bit.ly/2LzTxu3>

## PEOPLE COUNTER

- This Project was created to Count Number of people in marathon.
- It was implemented using Opencv and CNN model.