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 ENGINERING
JUNE 2017 - APRIL 2021

- Had learned and achived 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, 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

AWARDS AND HONORS

Best Software Startup at GTU Startup Demo Day
https://bit.ly/ssip-award
ATRIS was awarded the best software startup
from vadodara out of many emerging startups

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 recognization,blink detection, Character recognization, handwriting recognization 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

ATRIS

- This is one of the major projects currently I am working on, which I recently open-sourced as inspired by the Opensource communities o GSOC 2020. It is my startup venture in a group of students.
- The project contains a ReactJS frontend, many microservices backend made using Django, Django-rest-framework and Fast API.
- This is AI/ML based startup which uses tensorflow, pytorch, keras and many more advanced implementations.
- It is a very huge and interesting startup idea which I am currently working on. It is a place were users can record their day to day meetings and conferences and get accurate transcribes of their conversation with accurate speaker recognition by splitting text of speakers. Also generating Automated Minutes of Meetings with detailed meeting analysis on text using complex NLP tasks.
- For more information check out -
  https://atris.multipi.tech
  https://github.com/Atris-tech

CERTIFICATE

- Internshala Student Partner 2019
- Deep Learning by Andrew-ng at coursera
- Python and machine learning at IBM coursea

INTEREST

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

SOCIAL MEDIA HANDLING

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

Phone: 9974126036
sentry88prime@gmail.com
faizan45shaikh@gmail.com

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.