

Abhinav Singh

SDE

I eager to contribute to team success through hard work, attention to detail and excellent organizational skills. Looking to be a part of your organization to render you with my best services and to enhance my skills-set. My dedication, efforts and the spirit to never give up are my ultra selling points.



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Gurugram, India

EDUCATION

Bachelor of Technology NIT Kurukshetra

07/2018 - Present

Courses

- Electronics and Communication

Senior Secondary School (Class 12) Vivekanand Global School sec4 , gurugram

05/2005 - 05/2018

WORK EXPERIENCE

Student Internship Partner Coding Blocks

05/2019 - 06/2019

Achievements/Tasks

- training in Machine Learning

SKILLS

Data Structures

Algorithm

CNN

PyTorch

OpenCV

Flutter

Swift

Python

C++

Assembly Language

LINUX

PERSONAL PROJECTS

Face Recognition

- This project is based on the working principle of KNN, OpenCV and PCA. This project uses pre trained model of HaarCascade classifier which helps in making boxes around the surface order to capture the face. The manual training of the model is also done which saves the data in order to capture the face.

Snapchat Filter

- This project is also based on python , it uses open cv library which helps in creating the landmark of the face on which is then replaced by any different filters.

BMI Calculator

- It is based on swift language , it takes height and weight as the input and displays the BMI as the output which based on MVC design pattern

Wav2Vec 2.0 - Self-Supervised Learning of Speech Representation

- This model uses a self supervised training approach for automatic Speech Recognition. This model has 3 main parts Convolutional Layer, Transformer Layer and Linear Projection.

LANGUAGES

English

Full Professional Proficiency