# Dhruvil Shah

Computer Engineer

I want to enhance my skills and acquire knowledge about a lot of things so that I can cope up with the upcoming technology and invention based on AI and Machine Learning. Currently, I'm seeking opportunities that will allow me to develop and promote technologies that would help the entire community.

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## EDUCATION

### B.E (Computer Engineering)
MODERN EDUCATION SOCIETY'S COLLEGE OF ENGINEERING, PUNE

08/2018 - Present,                                    9.35 (till date)

### H.S.C
S.M. CHOKSEY HIGH SCHOOL AND JUNIOR COLLEGE, PUNE

06/2016 - 05/2018,                                    88.38%

### S.S.C
ST. VINCENTS HIGH SCHOOL, PUNE

06/2006 - 05/2016,                                    94.2%

## WORK EXPERIENCE

### Research and Development Intern
Blowout Technologies

02/2021 - 03/2021,

*Achievements/Tasks*

- Worked on testing of the Blowout App and provided insights on the different event API's such as Facebook Event API and integrated the same API with app.

### Data Science Intern
Technocolabs build with AI

01/2021 - 02/2021,

*Achievements/Tasks*

- Worked on a Data Science project for the company on the various domains of tasks such as Data Analysis, Data Manipulations, Data Classifications techniques, Data Visualizations, and Data Science project deployment.

### Research Intern
MedTourEasy

11/2020 - 11/2020,

*Achievements/Tasks*

- Experienced the hands on working of a Research Professional and worked under the supervision of project mentor & developed the project entitled "Market Research and Visualization".

## ORGANIZATIONS

### Technical Core at Script Foundation (08/2020 - 01/2021)
*Being the technical lead, I assist the chapter lead in organizing various events through the foundation. As a technical lead I handle the technical problems such as hosting events and developing the foundation website*

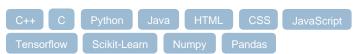### Finance Core at DSC MESCOE (09/2020 - Present)
*Being in the Core Committee I assist the DSC Lead in organizing various events through the club. Being the Finance Core I with the help of other Core members handle the finance of the club and also bring sponsorship for the events.*

## SKILLS & FRAMEWORKS

C++  C  Python  Java  HTML  CSS  JavaScript
Tensorflow  Scikit-Learn  Numpy  Pandas

## PERSONAL PROJECTS

A Real-Time HTML Editor
- An interactive editor always creates the curiosity to learn and explore new things.

The Battle of Neighborhoods
- In this project using numpy and pandas I have discovered different locations in the city of Bangalore which have the best percentage of opening a new restaurant based on the area's population, annual income of families,etc.

Detection of COVID-19 using X-Rays
- In this Machile Learning model I have used numpy and Computer Vision to detect whether the given Xray is normal or it has viral or it is COVID affected. I have downloaded the dataset from Kaggle

Spotify Skip Prediction
- The goal of the app is to predict the likelihood of a user skipping any given song during a listening session.

JusTalk
- JusTalk is a Firebase based Android Open-Source app for developers to refer in case they want to integrate Chatting capabilities to their application. Users can search for other users.

Anomaly Detection of Time-Series using Keras
- Model detects all possible anomalies in the time series of any index data

## ACHIEVEMENTS

Organized an event in the Technical Festival (Digital Renaissance) of my College.

Completed the Google Foo Bar Challenge (06/2020 - 07/2020)

Reviewed 2 IEEE papers
(https://publons.com/researcher/4441153/dhruvil-shah/)

Published a Research Paper in IEEE Conference
(https://ieeexplore.ieee.org/document/9396979)

A 4-star (1947) coder at Codechef.
*Competitive Coding Platform (*https://www.codechef.com/users/d_s_2803*)*

Certificates

## LANGUAGES

English
*Professional Working Proficiency*

Hindi
*Full Professional Proficiency*

German
*Elementary Proficiency*