

# DHRUVIL SHAH

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## EDUCATION

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**Modern Education Society's College of Engineering, Pune** Aug 2018 – Present

Bachelor of Engineering (BE), in Computer Engineering, GPA: 9.58/10.00

**S.M.Choksey High School And Junior College, Pune** Aug 2016 – June 2018

Higher Secondary Certificate, Percentage: 88.31

**ST.Vincent's High School, Pune** June 2006 - May 2016

Secondary School Certificate, Percentage: 94.2

## EXPERIENCE

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**IAS Scholar** Aug 2021 – Dec 2021

Integral Ad Science

- Assist the company with tasks set out by various teams, such as research and working closely with different team members to learn more about the company.

**Research and Development Intern** Feb 2021 – Mar 2021

Blowout Technologies

- 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** Jan 2021 – Feb 2021

Technocolabs build with AI

- 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** Nov 2020 – Nov 2020

MedTourEasy

- 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".

## POSITIONS OF RESPONSIBILITY

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- Finance Core, Google Developer Student Clubs | Aug 2020 - July 2021  
- 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.
- Campus Influencer, GoogleCrowdSource | Feb 2020 - Jan 2021  
- Google Crowdsource is a crowdsourcing platform developed by Google intended to improve a host of Google services through the user-facing training of different algorithms. Being a campus influencer along with other influencers we organize various events in our college which help the students to learn new things and contribute to the open source.
- Technical Lead, Script Foundation Pune | Aug 2020 - Jan 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.

## PROJECTS

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### **JusTalk** | *Java, Firebase*

- 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 and also notifications will be sent when the users chat with each other. Feel free to check the app and contribute. Let's make the application better together.

### **Detection of COVID-19 using X-Rays** | *Python*

- In this Machine 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

### **Anomaly Detection of Time Series** | *Python*

- Anomaly detection problem for time series refers to finding outlier data points relative to some standard or usual signal

### **HTML Realtime Editor** | *HTML, CSS, JavaScript*

- This website is developed to ease the compilation of html codes. In this editor user can directly see the effects of the change in their code on the side screen which is beneficial for the user and this editor is also user-friendly which makes the user more enthusiastic and develops the habit of coding. An interactive editor always creates the curiosity to learn and explore new things.

## TECHNICAL SKILLS

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**Languages:** C/C++, Python, JavaScript

**Frameworks:** Tensorflow, Pytorch, React, Node.js, Flask, Django

**Developer Tools:** Git, Google Cloud Platform, VS Code, IntelliJ Idea

**Libraries:** pandas, scikit-learn, NumPy, Matplotlib

**Operating Systems:** Windows, Linux (Debian)

## PUBLICATIONS

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Sudesh Pawar, **Dhruvil Shah**, Soham Khade

"Anomaly Detection in Time Series Data of Sensex and Nifty50 With Keras"

*2021 International Conference on Emerging Smart Computing and Informatics (ESCI), 2021*

## ACADEMIC ACHIEVEMENTS & AWARDS

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- Organized an event in the Technical Festival (Alphaquest Digital Renaissance) of my college
- Completed the Google Foo Bar Challenge (06/2020 - 07/2020)
- A 4-star (1947) coder at Codechef. <sup>1</sup>

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<sup>1</sup> <https://www.codechef.com/users/ds2803>