

PATHIK GHUGARE

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*Effective Student committed to learning, developing skills in the field of Data Science, and team contribution.
I love telling stories with data.*

| WORK EXPERIENCE

April 2021–Present

DataZen Mumbai, Maharashtra

Technical Team Member

- Worked with the team for event preparations and execution where we successfully took events such as “30 days of Data Science”, “Ask the Experts” and “Union of streams”.
- Gave a session on how one can use Data Science in real life with a use case of the restaurant business by doing an Exploratory Data Analysis on data of restaurants in Bengaluru in front of 100+ students.

June 2021 - August 2021

KJ Somaiya College of Engineering Mumbai, Maharashtra

AI/ML Intern

- Collaborated with my teammates to do research on what can be done to recognize facial expressions where 10-20 research papers were read and a multi-task learning approach was finalized.
- Built Multi-task learning CNN architecture which was trained not just to recognize an expression but also other 3 facial properties such as age, gender, and race/ethnicity.
- The proposed Multi-task learning approach gave an accuracy of 78% which was better than the traditional approach

| PROJECTS

- Real-time American Sign Language Recognition Feb 2021 – Apr 2021
Performed various deep learning and computer vision techniques to design a Sign Language Recognition System.
- Stock Price Forecasting with Prophet Aug 2021
Designed a stock price forecasting application using the Prophet model by Facebook and deployed it with streamlit.
- Covid19 case prediction May 2020 :
Produced an application that will predict covid 19 cases before a peak is reached.

| EDUCATION

August 2019-Present

K.J.Somaiya College of Engineering Vidyavihar, Mumbai

B.Tech Computer Engineering

Honors: cum laude (CGPA: 9.595 /10.0)

| ADDITION SKILLS

- Programming Languages: C, C++, Java, Python, SQL.
 - Libraries: Pandas, Numpy, scikit-learn, OpenCV
Tensorflow, PyTorch, matplotlib, plotly, seaborn.
 - Tools: Git, VS Code, Pycharm.
 - Languages: English, Hindi, Marathi
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