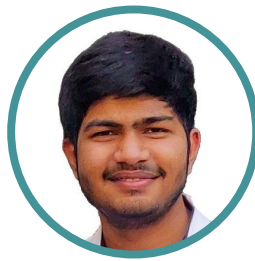# Dhruv Panchal

Developer

I am an undergrad student pursuing a Bachelor's degree in Computer Engineering with high creativity and problem-solving skills who is obsessed with the idea of improving himself and seeking a platform to grow and excel.

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github.com/dhhruv ⬤

WORK EXPERIENCE

Machine Learning Intern
IIT Dehli (IITD-AIA)

06/2021 - 08/2021

- **Fault Prognosis and Classification** for **Lathe Machines** using Machine Learning by obtaining **Statistical Features** from vibration signals.
- Build **Real-time Dashboard** to show the condition and statistics of the Lathe Machine using various **Data Visualization** techniques.

Data Science Intern
BrainyBeam Technologies Pvt. Ltd.

05/2021 - 06/2021

- **Enhancing data collection procedures** to include information that is relevant for building a**nalytic systems**.
- **Processing, cleansing, and verifying** the **integrity** of data used for **analysis** and presenting that information using various **data visualization** techniques.

PROJECTS

YouTua (12/2020 - 06/2021) ⬈
- Developed a **GUI Software** with the help of **Python** and **Tkinter**. Currently **500+ Downloads** on GitHub.
- User can **Download, Extract and Post-Process Videos and Audios** from many supported websites in **various formats and qualities** on his/her device.
- **Zipped** the Software with **FFMPEG** for **better post-processing features**.

Vac-Cowin (04/2021 - 06/2021) ⬈
- Designed and Developed a **Command Line Interface Tool** with **Python** to **ease the Vaccination Booking Process** using the **Co-WIN API** provided by the **Government of India.**
- User can **Generate & Confirm OTP**, enter their **Preferred Parameters** for taking Vaccination and the Script will find and **Book a Vaccination Slot** after the **User gives Confirmation**.

CAS (02/2021 - 03/2021) ⬈
- Designed and Developed a **Contactless Attendance System (CAS)** where the **Face** of an Individual is taken for performing **Automated Attendance** using **Machine Learning and Python**.
- The Proposed System **reduces Manual Process Errors** by providing a reliable system using the **Facial Recognition Technology** using **Haar Cascade and LBPH**.

EDUCATION

B.E. (Computer Engineering)
LJ Institute of Engineering and Technology

07/2018 - Present   *9.37 CPI*

Higher Secondary School (HSC - GSEB)
Shayona International School

07/2016 - 03/2018   *75%*

SKILLS

`Python` `Project Management` `Problem Solving` `Data Science` `Competitive Programming` `OOPS` `SQL` `Database Systems` `VS Code` `Git` `DSA` `Machine Learning` `MATLAB` `PyGame`

ACHIEVEMENTS

Skills & Endorsements - (Python, Machine Learning, Java, OOP, C, Git & MySQL)
Completed Skill Assessments for the mentioned domains in LinkedIn .

BinarySearch
Level 80 on BinarySearch *Website for **Competitive Programming**. Among **Top 10** in writing **Best Solutions**.*

Google Coding Competitions
*Among **Top 2000** in **Google Coding Competitions** such as **Codejam, Kickstart and Hashcode** for various Levels.*

Badges
*Gold Badge for **Python** and **C Language** as well as **Silver Badge** for **C++** and **Problem Solving** in* HackerRank.

CERTIFICATES

Skills & Endorsements - (Problem Solving, Python, SQL, C & Java)
*Skills Verified for **Basic & Intermediate Levels** for the mentioned domains in* HackerRank.

ORGANIZATIONS

LJ Institute of Innovation and Entrepreneurship (LJIIE) (04/2019 - 10/2019)
*Entrepreneur Training - Worked as a part of one of my Projects selected for **Funding**.*

LANGUAGES

English
Full Professional Proficiency

Hindi
Native or Bilingual Proficiency

Gujarati
Native or Bilingual Proficiency

INTERESTS

`Deep Learning` `Software Engineering` `Data Analytics` `Artificial Intelligence`