Pranav Belgaonkar
Aspiring Data Analyst

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EDUCATION

Bachelor's in Technology - Electronics with Honours in Machine Learning and   June 2018 - June 2022
Artificial Intelligence (**8.82** - CGPA)
Vishwakarma Institute of Technology, Pune

SKILLS

- **Programming Languages:** Python (Numpy, Pandas, Seaborn), SQL, R, C++, C
- **Data Science:** Statistics**,** Web Scraping, MS-Excel, Databases(MySQL), Data Science Pipeline (Exploratory data analysis, Data Visualization), Business Intelligence/BI(Tableau, PowerBI)
- **Machine Learning and AI:** Machine Learning Algorithms, Computer Vision, Time Series Forecasting
- **Miscellaneous Skills:** Data Structures and Algorithm, OOP, Finance, Solidworks

INTERNSHIP EXPERIENCE

Yun Solutions, Pune
Data Science Intern   *February 2022 - Ongoing*
- Performed feature engineering and predicted oil usage using time-series forecasting models like TabNet, LSTM and XGBoost.
- Worked with table detection models and OCR to extract information for 2 problem statements in the banking sector.

All India Council for Technical Education, Pune
Research Intern   *September 2021 - January 2022*
- Found 3 suppliers for purchasing multiple 'Above Elbow Myoelectric Prosthetic Arm' for research purposes.
- Wrote extensive documentation reviewing more than 20 papers regarding the design and implementation of Prosthetic Arms.
- Designed 2 practical variations of working Prosthetic Arms in SolidWorks.

Foundation of Smart Manufacturing, Indian Institute of Technology - Delhi
Summer Intern   *June 2021 - July 2022*
- Attended 10 days of intensive training on all aspects of the Industrial Internet of Things.
- Narrowed down important parameters that are critical for operating a manufacturing machine.
- Developed dashboards to display real-time data most effectively for multiple categories of users using those critical parameters.

PROJECTS

Defaulter Detection using Exploratory Data Analysis (EDA)
- Performed EDA on the dataset with more than 16 lakh data points to gain insights to reduce the chances of default on loans.
- Cleaned the dataset by handling null values through appropriate ways such as removing or imputing data points.
- Identified important features from a dataset containing more than 120 features that could help identify defaulters.

Data Visualisation and Analytics for Sales Data in Tableau
- Connected a MYSQL database and performed data cleaning to make sure that the data is uniform.
- Extracted indicators from the data to show a decline in sales by an average of 33%.
- Created 2 dashboards and a storyboard that would provide insights into reasons for decreasing sales and potential solutions.

EXTRA-CURRICULARS

Data Analytics Course Certification - *trainity.in*   Issued - March 2022

Head of Payload division - *Trident SatLab (College club)*
- Conducted in-depth research on novel concepts that can be implemented as a payload for a small satellite of size 10x10x10cm.
- Currently leading a team of 3 researchers for ideation and implementation of payload ideas for the satellite.

Club secretary - *Mirage Campus Film Society (College Club)*
- Created a Discord server that has almost 300 members as part of the film appreciation community in college.
- Organized 1 successful online event with a team of 10 members in a limited time for 25 attendants