Priyank Jagad

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EDUCATION

Master of Science in Computer Engineering *Aug 2021 - May 2023*
San Jose State University, San Jose, CA
Relevant Coursework: Data Structure and Algorithm using C++, Microprocessor Design, Machine Learning, Data Mining, System Software, Advanced Computer Design.

Bachelor of Engineering in Information Technology *Jul 2015 - Aug 2019*
G.H Patel College of Engineering & Technology, Anand , India.
Relevant Coursework: Database Systems, Operating Systems, Advanced Java, System Programming, Data Mining and Business Intelligence, Big Data Analytics, Artificial Intelligence, Computer Networks.

EXPERIENCE

Python Developer Intern| Floatbot, Inc| Bhavnagar, India *Apr 2021 - Jul 2021*

- Collaborated in deep learning project where main goal was to bifurcate prerecorded voice of machine and human.
- Implemented python libraries such as librosa, keras for model training and testing.
- Achieved 88% accuracy on test data set.

Junior Data Analyst| Exxat, Inc | Vadodra, India *Jun 2019 - Dec 2019*

- Performed Data Cleansing process to clean data received in Excel Files.
- Deployed SQL queries in MY-SQL database to import data in company's web application.
- Participated in weekly meetings to review current progress and discuss future tactics.

SKILLS

Programming Languages: Python(Numpy, Pandas, Scikit-Learn, Keras, Tensorflow, Matplotlib, Seaborn), C++.
Database: Mongo DB, My SQL.
Tools and Softwares: Jupyter Notebook, Google Collab, Visual Studio, Kaggle Notebook, Power BI, Tableau, MS Excel.
Web Development: Flask, HTML, CSS, PHP.

PROJECTS

Bangalore House Price Prediction *Oct 2020 - Dec 2020*

- Forecasted Price of houses in Bangalore city based on features such as total square feet, no of bedrooms, no of bathrooms and location of house.
- Implemented data visualization and feature engineering techniques like removal of outliers, handling missing values and addition of new features.
- Compared accuracies of different regression algorithms using Confusion matrix and F1 Score to achieve 84% accuracy with Linear regression.

Flight Fare Predictor *Jan 2020 - Feb 2020*

- Created an end to end web application using flask api and hosted application on heroku.
- Data exploration, feature engineering, and visualization were performed on dataset containing 10,300 fields to filter out noise and generate meaningful insights.
- Predict fare prices of flight journey using various parameters like no of stops, airline company, duration of travel, day of travel, time of travel, source, and destination of travel.
- Using GridSearchCV found that XGBoost algorithm provided 85% accuracy in comparison to Linear Regression and Random Forest.

Remind Me *Jun 2017 - Sep 2017*

- Constructed web application where user can set reminder of group of users along with description of event. All users will get reminder about event before specific time set by user while creating reminder.
- Used PHP, HTML, CSS and MYSQL database for creating web application.

CERTIFICATIONS

Machine Learning (Coursera) *Jan 2021 - Present*
Online Course - Stanford Online