

# Prasad Kadam

Machine Learning Engineer | CSE Undergrad

I am a passionate, self-taught Data Scientist and a keen learner of emerging AI technologies. Continuing to develop and achieve artistry in Machine Learning and Data Technologies. Grabbing every opportunity coming my way. Consistent improvisation is what I believe in.

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## EDUCATION

### BE in Computer Engineering

Terna Engineering College, Navi Mumbai

06/2017 - Present

Courses

- Data Structures
- Object-Oriented Programming
- Computer Networks
- Data Warehousing
- Algorithms
- Theory of Computer Science
- Applied Mathematics
- Machine Learning

## WORK EXPERIENCE

### Data Science and Business Analytics Intern

The Sparks Foundation

02/2021 - 12/2021

Achievements/Tasks

- Sales and Profit Analysis
- Analysis on key attributes causing decrease in profitability
- Visual representations of these attributes using bar charts and bar plots
- Superstore Dataset Visualization using choropleth map of USA

### Robotics Trainer

Shalom Health and Educare

01/2019 - 12/2019

Navi Mumbai, India

Shalom Health and Educare is an education-providing institute that focuses on educating students in schools on robotics, programming and science.

Achievements/Tasks

- Management of workshops and seminars
- Train students on robot building and programming
- Teaching theoretical basics of Robotics and programming

## SKILLS

Python

SQL

Data Science

Machine Learning

Deep Learning

Front-End Development

R-Language

AWS

Team-Building

Communication

Problem Solving

Analytical Thinking

Adaptability

## PERSONAL PROJECTS

### AgroSys - A Crop Recommendation System

- A research project, to build a crop recommendation system
- Designed and implemented a fully connected MLP based neural network model achieving 99% accuracy to recommend the crop that should be cultivated to the user based on the key attributes
- Built a website with friendly UI and deployed the model "AgroSysNN" on the website using Flask

### Ecommerce Data Analysis [🔗](#)

- Cleaning and preprocessing of acquired ecommerce dataset
- Analyzing relations between various attributes within the data and how they affect customers spending
- Created Linear Regression model to identify the coefficients
- Answering the business questions like where should the company invest in their product to increase their profits using this model

### Superstore Data Analysis [🔗](#)

- Analyzed the data of a Superstore present in many states of USA
- Visualized various segments and attributes of data using bar charts, bar plots and choropleth maps
- Identified in which states and in which categories the store is lagging to provide optimum services

## CERTIFICATES

### Deep Learning Specialization [🔗](#)

A highly valuable specialization course on Deep Learning. Learned the basics of deep learning to tuning and optimization neural networks.

### SQL For Data Science [🔗](#)

An SQL Course offered by UC Davis. Achieved proficiency in using SQL for day-to-day Data Science requirements.

### Data Science Specialization

The specialization focuses on R-Language, Statistical Analysis, Visualization, and using machine learning models for inferences.

### Amazon Web Services for Machine Learning

In this courses we are learning about AWS and how to use its services for various machine learning projects.