

# Shreyas Puttaraju

MACHINE LEARNING ENGINEER | DATA SCIENTIST

Data science student experienced in data analysis, predictive modeling and machine learning. Intrigued by challenges in data science and seeking to leverage statistical techniques to address them. Passionate about data driven decision making, pattern recognition and predictive modeling. I am currently looking for internships for the roles related to Data Scientist , Machine Learning Engineer .

## EDUCATION

**Master's in Data Science,**  
**DePaul University, Chicago**  
September 2021 - March 2023

**Bachelor's in Computer Science and Engineering,**  
**P.E.S.C.E, Mandya, India**  
August 2015 - June 2020

## PROJECTS

**Hand Gestures Recognition System and Home Automation for Blind, Deaf and Mute People**

August 2019 – June 2020

- This project focused on providing smart home automation for the specially-abled by considering the lowest cost IOT devices, which must be easy to use for all.
- The text-to-speech was a most interesting task which was mainly taken into consideration for the specially-abled to interact among themselves and with other humans in day-to-day life.

**Hostel Management Website**

February 2018 – May 2018

A simple website with a database to store details of every student in the hostel which collects information like students address, contact number, current semester, department and to manage the fees of the students.

## RELEVANT PROJECTS

**Python Projects:** Stem and Leaf Node Implementation, Dice and Cup Implementation, Human Pyramid Implementation

**Visual Analytics using Tableau:** Developed dashboards, heat map to visually analyze customer geography, purchase pattern, distribution network and customer penetration for sales of an organization

**Mini Projects on SPSS:** Developed various mini projects on SPSS such as Spotify data analysis, decision trees creation for iris and wine quality dataset.

## CONTACT

### ADDRESS

Chicago, IL

### Phone

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### E-mail

[sp@depaul.edu](mailto:sp@depaul.edu)

### Portfolio

[shreyasp27.github.io](https://shreyasp27.github.io)

## SKILLS

### Data Analysis

Regression and Classification models, PCA, Factor and Cluster Analysis

### Machine Learning

Data Mining, Knowledge Discovery, Supervised, Unsupervised learning, Support Vector Machines

### Data Visualization

Tableau, matplotlib

### Programming Languages

C++, Python, R.

### Tools/Packages

Tensorflow, Keras, SPSS, Numpy, Pandas

### Deep Learning

CNN, RNN, Tokenization and Embeddings, Time Series Forecasting

## ADDITIONAL COURSES

Intro to TensorFlow for Deep Learning - Udacity

Python for Data Visualization - LinkedIn