

# Jatin Arutla

## Data Scientist

Computer Science undergrad with a keen interest in the field of Data Science, Machine Learning, and Deep Learning. I believe that Data Science has the potential to address various day-to-day problems of people. My passion for crunching numbers and finding patterns helps me in researching, identifying trends, and present suitable findings.



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## EDUCATION

### Bachelor of Technology (CSE)

GITAM (Deemed to be University), Vizag

06/2017 - Present

CGPA: 9 (until 6th sem)

### Class 12 (Intermediate)

Sri Chaitanya Junior College, Vizag

05/2015 - 05/2017

97%

## PERSONAL PROJECTS

### Credit Card Fraud Detection [🔗](#)

- Performing EDA and implementing ML algorithms to identify fraudulent credit card transactions using anomaly detection, undersampling and oversampling techniques.

### Telecom Churn Analysis and Prediction [🔗](#)

- Telecom Churn Analysis and Prediction using a Random Forest Classifier achieving an accuracy of 80%. The behaviour of the customers is predicted to help retain them.

### Neural Style Transfer Using Convolutional Neural Networks [🔗](#)

- Performing Neural/ Image Style Transfer using CNN to compose an image in the style of another image.

### Heart Disease Analysis and Prediction [🔗](#)

- Performed EDA and compared KNNs, Decision Trees, Logistic Regression, Naive Bayes, Random Forest, and XGB on Cleveland Database.

### Startup Location Recommender using K-Means [🔗](#)

- Predicting the best location for business startups in a particular neighborhood using K-means clustering.

### Premier League (Football) Data Visualization and Analysis using Power BI [🔗](#)

- Visualizing and analyzing performance of Premier League players with respect to various parameters.

## WORK EXPERIENCE

### Data Science Intern

The Sparks Foundation

09/2020 - 10/2020

#### Tasks

- Writing codes to collect, crunch, and analyze data from internal and external sources.
- Building and tuning machine learning models using Python and Scikit-learn.
- Using PowerBI to analyze data, find important patterns, and design visualization dashboards.

## SKILLS

Machine Learning

Power BI

Python

SQL

C++

Java

C

Data Structures

HTML

## ACHIEVEMENTS

### 1st in India, Fantasy Premier League (2016 - 2017)

Finished 9th out of 4.5 million in the world and 1st in India in Fantasy Premier League (FPL), the biggest Fantasy Football league in the world which involves analyzing and predicting football player's performances

### Winner of CS:GO LAN Tournament (2019)

Won the CS:GO LAN tournament organized at GUSAC, the biggest student festival of GITAM and was the MVP.

## NON-SCHOLASTIC ACTIVITIES

### ACM (Association for Computer Machinery) (06/2018 - Present)

An active member and event volunteer. Organized the CS:GO LAN tournament at ACM Annual Fest 2019.

### Seminar on Machine Learning at GITAM (2020)

Introduced the standard ML problem types, prediction functions, feature extraction, learning algorithms, overfitting, and free lunch theorem.

## CERTIFICATIONS

### Deep Learning Specialization – deeplearning.ai, Coursera (07/2020 - 09/2020) [🔗](#)

### IBM Data Science Professional Certificate– IBM, Coursera (05/2019 - 08/2019) [🔗](#)

This specialization includes the completion of 9 courses which are mentioned on the certificate.

### Data Science and Machine Learning Bootcamp – London App Brewery, Udemy (04/2020) [🔗](#)

### C++ Programming Language, Udemy (10/2018) [🔗](#)

## STRENGTHS

Written and oral communication

Adaptable

Good attention to detail

Problem Solving

Reliable and consistent