

# Stuti Chauhan

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## EDUCATION

### Indira Gandhi Delhi Technical University for Women

2018 - Present | Delhi, IN

B.Tech in Computer Science and Engineering  
CPI(Till 4th Semester) : 85.5%

### St. Mary's Senior Secondary School

Delhi

12th Percentage(2017) : 93.6%

10th CGPA (2015) : 9.8

## SKILLS

### Software development

C++ (intermediate) | Python(intermediate)

### Web development

HTML5 | CSS3 | Javascript | JQuery | Bootstrap | React(Basic)

### Machine Learning

Data Visualization | Predictive Analysis | Exploration of various Classification , Regression and Clustering Modules | Sentiment Analysis

### Interpersonal Skills

Time management | Leadership | Team Management | Collaboration | Optimism

### Other Utilities

Git | Netlify | Github | MySQL | Adobe Photoshop | Figma | Framer

## POSITION OF RESPONSIBILITY

### LeanIN IGDTUW chapter | Core team member

- At LeanIN , we aim at rising others in both technical and non-technical backgrounds.
- Led an all-women hackathon in our college with 25+ teams participating.
- Ideated and Designed posters for all social media handles with collective reach of 2K+ viewers

### Rotaract IGDTUW | Vice President (At Present) | Director of literacy services

- Organised Movie session at Kilkari shelter home for the children of 5-12 years on Saturdays
- Took basic Web Development Classes at the All girls Government School

### INNERVE | Technical Fest | Associate

- Created Online Posters for various events using Adobe Photoshop with 5K+ viewers.

## EXPERIENCE

### Development Intern | Project DEFY | ThinkQbator

June'20 - July'20

- Analysed and evaluated the problems of educational system in remote areas to reach the root cause and redefined the problem statement.
- Designed and defined a working prototype for helping children of 5-17 years in understanding the core subjects taught in schools.

### Data Science Intern | Career Launcher

June'19 - August'19

- Did CAPM Analysis and Beta Calculation of PVR stock using Regression .
- Did Trade Calling Prediction by creating **bollinger bands** and achieved an accuracy of **78%** using **Random Forest Classifier**.
- Implemented various classification models like **Decision Tree, Random Forest and Support Vector Machines** to experiment with the dataset.

## PROJECTS

### 24\*7 Store | Individual

- Built an E-commerce Website using **HTML5,CSS3,Javascript and Bootstrap 4** .
- Used **firebase realtime database** for storing the items added to the shopping cart.
- Deployed the website on **Netlify**.

### Sentiment Analysis of Twitter Datasets for COVID'19 | Team

- Collected the dataset from Twitter using the hashtags #lockdownindia #covid'19 using **tweepy api** .
- Performed cleaning of data using the nltk packages with all the stopwords removed and symbols removed. Used concept of **Tokenisation, Stemming and Vectorisation**.
- Predicted the Sentiments (positive, negative or neutral ) of tweets using the **logistic regression model** and obtained an accuracy of **97%** .
- Visualized dataset by plotting **word clouds** for the negative and positive sentiments.Further also visualized the top 10 trending tweeter handlers.

## ACHIEVEMENTS

### Finalist at National Engineering Olympiad - 2020

- One of 2500+ students to clear the online exam of National Engineering Olympiad and selected for the voice interview round.

### Received Scholarship to attend GirlScript Summit 2019

- One of 60+ teams to appear in Top 10 to present our solution on domestic violence against women using a machine learning model.
- Addressed our idea infront of the 1200+ participants.