

# Deepanshu Mourya

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## EDUCATION

### GGSIIP UNIVERSITY

Maharaja Agrasen Institute of Tech.  
B.Tech (Information Technology)  
Expected Grad. in Jun. 2020  
CGPA - 7.16/10

## SKILLS

### LANGUAGES:

Java, Python, HTML, CSS

### FRAMEWORKS:

Spring Boot, Hibernate

### DATA VISUALIZATION & MODELING:

Matplotlib, Seaborn

### DATABASES:

MySQL

### TOOLS:

Git, Tensorflow, Keras, NLTK,  
Tesseract, Scikit-Learn

## COURSEWORK

### UNDERGRADUATE

Data Structures  
Algorithms Design & Analysis  
Discrete Mathematics  
Object-Oriented Programming  
Database Management System  
Data Communication & Networks  
Operating System  
Artificial Intelligence

### INDEPENDENT

Advanced Algorithms in Java,  
Udemy  
Spring & Hibernate for Beginners,  
Udemy  
Machine Learning, Coursera

## ACTIVITIES

Volunteer - Rotaract (2014)  
Volunteer - Bhumi NGO (2016)

## EXPERIENCE

### TELIBRAHMA SOFTWARE SERVICES LLP

Mar. 2019 - Jun. 2019

Machine Learning Intern

Bangalore, India

- Created an **Object Detection + Automatic Number Plate Detection** model which focuses on detecting vehicles to define a region of interest (ROI) and performing an OCR on ROI for Indian car number plates in real-time along with integrating it to a socket server.

### FREELANCER

Nov. 2018 – Mar. 2019

Machine Learning Developer

New Delhi, India

- Worked as a Freelance Machine Learning Developer where I implemented many basic **ML algorithms** for some small scale projects.

### CONSTEMS-AI SYSTEM PVT. LTD.

Jun. 2018 - Jul. 2018

Software Engineering Intern

Noida, India

- Solely responsible for the design and development of an **Integrated UI/UX for an AI-based Grading System** & an **Advanced System Control for an AI-Powered Camera** for Linux Operating System.

## PROJECTS

### IMAGE CLASSIFIER – Deep Learning

Built a Deep Learning Model which uses a **convolutional neural network image classifier** implemented in keras to classify images of cats and dogs.

### SENTIMENT ANALYSIS – Natural Language Processing

Used Natural Language Toolkit (NLTK) to perform sentiment analysis for **Review Classification** which uses 2-way polarity (positive & negative) classification system for reviews.

### KAGGLE HOUSE PRICES – Machine Learning

Developed a Machine Learning Model for Kaggle House Prices Prediction Competition to **predict house prices** and to perform **data visualization techniques** to understand the insights of the data.

### EMAIL VERIFICATION USING LINK – Advanced Java

Created a Java application to **generate verification links** and send the user an email requiring them to click the link to verify their email before their email is added to whatever you want to add it to which helps to verify users through their email and **prevent spam users**.