

# Deepanshu Mourya

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## EDUCATION

### MAIT, GGSIP UNIVERSITY

BTECH IN INFORMATION TECH

Expected June 2020 | Delhi, India

CGPA: 7.10/10

## LINKS

Github:// theDeepanshuMourya

LinkedIn:// thedeepanshumourya

Leetcode:// thedeepanshumourya

Hackerrank:// deepanshumourya

Geeksforgeeks:// deepanshumourya

## COURSEWORK

### UNDERGRADUATE

Data Structures

Algorithms Design & Analysis

Discrete Mathematics

Object-Oriented Programming

Database Management System

Data Communication & Networks

Operating System

Compiler Design

Cloud Computing

Artificial Intelligence

### INDEPENDENT

Udemy:

Advanced Algorithms in Java

Spring & Hibernate for Beginners

Coursera:

Machine Learning

## SKILLS

### PROGRAMMING

Languages:

Java, Python, HTML, CSS

Frameworks:

Spring Boot, Hibernate

Data Visualization & Modeling:

Matplotlib, Seaborn

Databases:

MySQL

Tools:

Git, Tensorflow, Keras, NLTK,

Tesseract, Scikit-Learn

### OPERATING SYSTEM

Linux/Unix

Windows

## EXPERIENCE

### TELIBRAHMA SOFTWARE SERVICES LLP | ML INTERN

Mar. 2019 - Jun. 2019 | 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.
- The model was integrated with a socket server along with deployment to an **AWS instance**.

### CONSTEMS-AI SYSTEM PVT. LTD. | SOFTWARE ENGINEERING INTERN

Jun. 2018 - Jul. 2018 | Noida, India

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

## PROJECTS

### SIGNIFY | NATURAL LANGUAGE PROCESSING, PYTHON

- Developed a **Sign Language Translator** using Uberi Speech Recognition API which takes real-time speech input and generates sign language symbols for that.
- Used Natural Language Toolkit (NLTK) to add **sentiment analysis** support which uses 2-way polarity (positive & negative) classification system for input.

### IMAGE CLASSIFIER | DEEP LEARNING, PYTHON

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

### KAGGLE HOUSE PRICES | MACHINE LEARNING, PYTHON

- 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 | BOOTSTRAP, 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**.

## EXTRACURRICULAR ACTIVITY

### ROTARACT DELHI | 2014

- Volunteered for Rotaract Club during a **Blood Donation Camp**.

### BHUMI NGO | 2016

- Volunteered as a **Peer Mentor** to help children.