

# Riya Srivastava

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## EDUCATION

### UNITED COLLEGE OF ENGINEERING AND RESEARCH

BACHELOR OF ENGINEERING IN COMPUTER SCIENCE

August 2018 - Present | Prayagraj, Uttar Pradesh

CGPA: 8.60/10.00

### MAHARSHI PATANJALI VIDYA MANDIR

GRADE XII || CBSE

April 2018

Marks: 89.10/100.00

## COURSEWORK

- Algorithms and Data Structures
- Object Oriented Programming
- DataBase Management System
- Machine Learning
- Software Engineering

## PROJECTS

### CHURN RATE PREDICTOR | MACHINE LEARNING, PYTHON, FLASK

July 2019

- Designed a Machine Learning Model to predict customer and employee churn rates of a particular company.
- Applied Logistic Regression which gave an accuracy of 81 percent.
- Used Flask to connect it to the frontend.

### INVISIBLE CLOAK | OPENCV, PYTHON

August 2020

- Designed an application that removes the foreground frame of a particular color using OpenCv.
- It is an image processing based project where segments of a single predefined color from video is replaced by pre-defined existing fixed background.
- [Project Link](#)

### FACIAL EXPRESSION RECOGNITION | TENSORFLOW, PYTHON,

FLASK, OPENCV

October 2020

- Developed a facial Expression Recognition System using Tensorflow and Keras.
- The process included a collection of the dataset and pre-processing the data. Extracting facial expression and classifying it into seven categories.
- For the testing purpose of the data OpenCV was used for capturing live images and videos and then the data was fetched to the system.
- [Project Link](#)

## EXPERIENCE

### OYEBUSY TECHNOLOGIES

|ARTIFICIAL INTELLIGENCE INTERN

Oct 2020 - Jan 2021 | Delhi

- Developed a CHAT-BOT named BusyBot using Natural Language Processing and further improvised it with the help of the RASA framework.
- Deployed the chatbot on the google cloud platform by creating a RESTful API for connecting the bot to the frontend and tested the application using soapUI and postman.
- [Project Link](#)
- Developed a SELENIUM-driven web scrapping system used for scrapping all the information about the Delhi-based software companies and email-id of all the business owners in Delhi.

## CERTIFICATIONS

- Machine Learning with hands on Python Programming Language || MNNIT Allahabad
- Problem Solving Skill Certification || HackerRank
- Java Programming :Solving Problems With Software By Duke University || Coursera
- Machine Learning || IBM
- Deep Learning Certification || Deeplearning.ai

## SKILLS

### PROGRAMMING

Python • Java • C • C++ • SQL

### SOFTWARE AND TOOLS

OpenCv • Jupiter • Anaconda • Git