

# Upendra Upadhyay

upendra1997.github.io  
upendra.upadhyay.97@gmail.com | +91-9460979571

## EDUCATION

### SKIT, JAIPUR

#### B.TECH IN COMPUTER SCIENCE

Graduated in May 2019

Cumulative Percentage: 72.3%

### DAV PUBLIC SCHOOL

Grad. May 2015 | Hyderabad, India

XII Percentage: 88.4%

X CGPA: 9.0/10

## LINKS

Github:// [upendra1997](#)

LinkedIn:// [upendra-upadhyay](#)

CodePen:// [hdggxin](#)

Facebook:// [upendra.upadhyay.97](#)

## COURSEWORK

### UNDERGRADUATE

Data Structures & Algorithms

Design & Analysis of Algorithms

C/C++

Artificial Intelligence

Databases

### MOOCS

Machine Learning

(Coursera by Andrew Ng)

Deep Learning

(DeepLearning.ai by Andrew Ng)

Deep Learning Nanodegree

(Udacity and Facebook Artificial Intelligence)

## SKILLS

### PROGRAMMING

Python • C/C++ • JavaScript •

HTML/CSS

### FRAMEWORK

PyTorch • Seaborn • Matplotlib

Numpy • Pandas

Flask • Django • Node.js

Express • React.js • Bootstrap

Selenium • Git

## EXPERIENCE

### JSW CEMENT | INTERNSHIP

May 2018 – July 2018 | Full Time Internship

- Made a web application for JSW cement limited using React.js and node.js.
- It will act as a portal for dealers and sub-dealers to create, delete, track their cement orders and help sales & account team batch update information about orders using csv files.

Links: • Github • JSW Dealer Portal

Tags: • Web Development • React.js • MongoDB • Node.js • Express.js

## PROJECTS

### FLOWER SPECIES IDENTIFICATION 102 | UDACITY

November 2018 – January 2019 | PyTorch Scholarship Challenge

This project used image augmentation, dropout and validation set to reduce over-fitting to identify the flower species from oxford data set of 102 flower species. Scored accuracy of 99.40% on Google test data by an ensemble of two different architecture of RESNET-152 using transfer learning.

Link: • Github

Tags: • Convolutional Neural Network • PyTorch • Deep Learning • Transfer Learning

### INDRASEYE | ACCIDENT DETECTOR

December 2017 – Present | Rajasthan Hackathon 3.0

Made a Web app and neural network to detect Road accident on highways using Long Short-Term Memory Cells and if there is an accident, Report it to nearest hospitals and police station with mail and photos of the accident.

Link: • Github

Tags: • Data Science • Recurrent Neural Network • Tensorflow • Opencv

### FRIDAY | DISEASE DETECTOR

March 2018 – Present | Rajasthan Hackathon 4.0

A chat bot and recommender system which uses Machine Learning. It process the chat and find the disease you have by symptoms found and suggest appropriate medication.

Link: • Github

Tags: • Data Science • Natural Language Processing • Recommendation System

### KALYAN YOJANA | DJANGO BASED WEBAPP

July 2017 – October 2017 | Rajasthan Hackathon 2.0

It is a mobile friendly web application where people from remote areas can connect with the government and file their complaints, suggestions and feedback about the government organizations.

Links: • Heroku • Github

Tags: • Web Development • Django • Bootstrap

## ACHIEVEMENTS

- 2018 One of 300 selected students in Udacity Nanodegree out of 10,000 students in scholarship challenge. Also completed my nanodegree successfully.
- 2017 Used to translate light novels from Japanese to English on wordpress.
- 2016 Used to run a club "code squad" in college for teaching C/C++ to 1st years.
- 2015 Scored 100/100 in Computer in XII CBSE board exam.