

# Rajat Khatri

Self Taught Programmer



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## SKILLS

Python

Numpy

pandas

Scikit-learn

Convolutional Neural Networks

Artificial Neural Networks

Computer Vision & Image Processing

C++

Mysql

Flask

Quantitative Analysis Training & Development

## LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Punjabi

Full Professional Proficiency

## INTERESTS

Chess

New Technologies

Travelling

Cooking

## EDUCATION

### Bachelor of Technology

Cochin University of Science and Technology

07/2018 - Present

Cochin, Kerala

Courses

- Information Technology

### Senior Secondary

Vivekanand Sanskar Sr. Sec. School

07/2016 - 07/2017

Gangapur city, Rajasthan

Courses

- Science

## PERSONAL PROJECTS

### YOLO FACE DETECTION (11/2020 - 11/2020) [🔗](#)

- Created a custom human face detection model with **yolo** algorithm in **Tensorflow2.0** in pictures and videos of high fps.

### AI HEALTH CENTRE (08/2020 - 09/2020) [🔗](#)

- Created various models to detect different diseases like **Dengue, Malaria, Diabetes. Heart, Pneumonia etc** and deployed the api with **Flask** so any one can give parameters and image as input and can get result immediately.

### FAKE NEWS DETECTION (09/2020 - 09/2020) [🔗](#)

- In this project, a **recurrent neural network (LSTM)** will be train to predict if the news is classified as true or fake.

### FASHION CLASSIFICATION (10/2020 - 10/2020) [🔗](#)

- Created a machine learning model to detect the various fashion cloths with **LeNet architecture**

### TWEET SENTIMENT ANALYSIS (09/2020 - 10/2020) [🔗](#)

- Created a Web app for Sentiment analysis of a tweet about flight journey and deployed it on Heroku

## WORK EXPERIENCE

### DataScience and Analytics Intern

Sparks Foundation

10/2020 - 11/2020

Online

Achievements/Tasks

- Visualise the given data and designing the classification and regression models

## CERTIFICATES

### DeepLearning Specialisation (09/2020 - Present)

Completed the 5 deeplearning courses from coursera of **Deeplearning.ai**

### Fast Track to Machine Learning (11/2020 - Present)

Machine learning certification by **Coding Club, IIT Guwahati**