

# RAHUL KUMAR PATRO

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**Github-** <https://github.com/Rahul1582>

**LinkedIn-** <https://www.linkedin.com/in/rahul-kumar-patro-479016184/>

**Kaggle-** <https://www.kaggle.com/rahulkumarpatro>

**My Portfolio Website Link:-** <https://portfolio-rahul15.herokuapp.com/>

## Work History:

2020-06 – 2020-08

### **Data Science Intern (Associate Data Scientist)**

**Celebal Technologies**, Work From Home

- Worked on finding keyphrases from the HR reviews which are contributing for the sentiment. Used Part Of Speech (POS) Tagging with many optimizations for finding the keyphrases as per the problem statement. Trained a BERT model for keyphrase extraction with statements and keyphrases for future use and finally integrated with Flask for deployment.

## Projects:

- **Machine Translation** – Translated a text from One Language To Another with the help of Encoder- Decoder LSTM Model and Attention Mechanism. ( <https://github.com/Rahul1582/Machine-Translation> )
- **Steganography** - Hided Text and Image inside an Image (<https://github.com/Rahul1582/Steganography>)
- **Signature Classification using Siamese Network** – A model that classifies the forged and original pairs of signatures by calculating the Euclidean Distance between the output tensors of both the images using a Siamese Network. ( <https://github.com/Rahul1582/Signature-Classification-using-Siamese-Network> )
- **Vehicle Number Plate Detection** – This helps us to detect the number on the number plate of a vehicle. (<https://github.com/Rahul1582/Vehicle-Number-Plate-Detection> )
- **Object Detection**- Used the YOLO Pretrained Model to detect the objects in a given Image. (<https://github.com/Rahul1582/Object-Detection> )

## **Education:**

2018-07 - CURRENT

**Intergrated Master Of Science : Mathematics and Computing**  
**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI**

CGPA: **8.30/10** Till Now

2014-03 - 2016-05

**Higher Secondary Education: Science**  
**KENDRIYA VIDYALAYA No.-2, CRPF CAMPUS, BHUBANESWAR**

Percentage : 88.2/100

2012-03 - 2014-05

**Senior Secondary Education: Science**  
**KENDRIYA VIDYALAYA IIT, KHARAGPUR**

CGPA : 10/10

## **Skills:**

Python For Data Science, C++ Basics

Deep Learning, Natural Language Processing

Machine Learning, Computer Vision,

Web Development

## **Accomplishments:**

- Worked for the Web Team for BITOTSAV'20 and VAJRA'20 cultural fests of our college.