

# Rajesh kumar Mandal

A passionate researcher who is more inclined towards cutting edge technology such as Machine Learning, Computer Vision and Deep Learning to solve real world problems.

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 <https://github.com/Rajesh-mandal>

## Work Experience

### LINCODE LABS

ASSOCIATE DATA SCIENTIST-TRAINEE 02/2021 – Present

AI/ML INTERN 07/2020 – 02/2021

#### ROLES:

- > Data collection, Data Cleaning.
- > Rapidly extending publicly available code modules to work on custom problems.
- > Working on rapid experimentation and deployment of Machine/ Deep learning models.
- > Taking care of end to end process which includes building dataset, Training, and Inferencing in real time.

#### POC's:

1) **Problem Statement** : Detecting the presence and absence of part , OCR on PCB board.

**Use case** : Object Detection, OCR Detection  
**Domain** : Manufacturing

2) **Problem Statement** : Detecting the variants of cable wires .  
**Use case** : Object Detection, Classification  
**Domain** : Manufacturing

#### PROJECT:

**Problem Statement** : Detecting the presence and absence on Automotive parts.  
**Use case** : Object Detection  
**Domain** : Manufacturing

### DATALYTICS

Technical Researcher 02/2019 – 03/2020

### ANZA SERVICES LLP

Data Entry Clerk 08/2018 – 01/2019

## Declaration

I hereby agree for my personal data included in my job application to be processed in line with the needs of recruitment in accordance with the law of "Personal Data Protection" of 29<sup>th</sup> August 1997 (Law Gazette from 2002, No.101, Heading 926 as amended).

## Education

B.E.(CS) 2014 - 2018  
City Engineering College  
VTU 72.45 %

## Skills

- OS:** Windows, Linux (Ubuntu,)  
**LANGUAGE:** Python,  
**PLATFORM:** Machine Learning, Computer Vision, Deep Learning  
**FRAMEWORK:** Keras , Tensorflow  
**LIBRARY:** Numpy, Pandas  
**TOOLS** : Jupyter Notebook, Anaconda , Sublime Text, Visual Studio, Google Colab, LabelImg , Labelme.  
**USE CASES** : Image Classification, Object Detection, Segmentation, OCR Detection.  
**CONCEPTS** : OpenCV, CNN, Deeplab, Supervised Learning, Unsupervised Learning.

## Academic Project

1) Designed and Implemented the Project Called " Border Security System for Alive Human Detection Robot in War Field" using IOT.

## Personal Project

1) Participated in Kaggle House Price prediction using advanced regression technique.