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.

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

1. **Problem Statement :** Detecting the variants of cable wires .

**Use case :** Object Detection,Classificatiojn

**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 29th August 1997 (Law Gazette from 2002, No.101,Heading 926 as amended).

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**https://**[**www.linkedin.com/in/rajesh1225/**](http://www.linkedin.com/in/rajesh1225/) **https://github.com/Rajesh-mandal**

# Education

B.E.(CS) **2014 - 2018**

City Engineering College **72.45 %**

VTU

# 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 Systemfor Alive Human Detection Robort in War Field” using IOT.

Personal Project

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