

# Imankalyan Sarkar

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## EDUCATION

### IIIT DELHI

MTECH INT COMPUTER SCIENCE

Grad: 2022

### RCCIIT

BTECH IN COMPUTER SCIENCE

Grad: 2020 | Kolkata, India

Cum. GPA: 9.3 / 10.0

### RK MISSION VIDYAPEETH

March, 2016 | Jharkhand, India

12th Percentage: 93

## LINKS

Github:// [iman97](#)

LinkedIn:// [Imankalyan](#)

## COURSEWORK

### POST GRADUATE

Machine Learning

Data Mining

Data Life cycle Management

### GRADUATE

Machine Learning

Software Engineering

Data Analytics

Automata Theory

Compilers

Computer Networks

Discrete Mathematics

Operating System

## SKILLS

### PROGRAMMING LANGUAGES

Python • C++

### LIBRARIES

Tensorflow • Keras • OpenCV

### WEB TECHNOLOGIES:

HTML • CSS • JavaScript •

PHP • Django • ReactJs

### MOBILE APP DEVELOPEMENT

Flutter • Dart •

## PROJECTS

### ISOLATED BENGALI HANDWRITTEN CHARACTER RECOGNITION

September 2019 - February 2020

• DEEP LEARNING PROJECT TO RECOGNISE ISOLATED BENGALI HANDWRITTEN CHARACTER

• ACHIEVED 95 PERCENT ACCURACY WHICH WAS HIGHER THAN OTHER STATE OF ART WORKS ON THE DATASET

• MADE USING CUSTOM NEURAL NETWORK MODEL INSPIRED BY THE ARCHITECTURE OF VGG16 MODEL

• TECH-STACK: KERAS, TENSORFLOW, PYTHON, OPENCV

### AUTOMATIC LICENSE PLATE RECOGNITION

May 2019 - July 2019

• TRANSFER LEARNING MODEL BASED ON YOLO

• DETECTS THE LICENSE PLATES OF CARS AND READS THE NUMBERS FROM THEM

• TECH-STACK: OPENCV, PYTHON

### ENGLISH HANDWRITING RECOGNITION

• ENGLISH HANDWRITING RECOGNITION USING CNN

• USED A DATASET OF 10000 HANDWRITTEN NAMES AND SEPERATED THEM INTO WORDS

• USED OPENCV FOR DATA PREPROCESSING AND HANDLING INCONSISTENCIES

• COMPARED ACCURACY OF SVM, MLP AND CNN WITH FEATURE EXTRACTION TECHNIQUES LIKE HOG, PCA.

• [HTTPS://DAWNBLADE97.GITHUB.IO/IMANKALYAN-CV/HANDWRITING\\_RECOGNITION.PDF](https://DAWNBLADE97.GITHUB.IO/IMANKALYAN-CV/HANDWRITING_RECOGNITION.PDF)

## WORK EXPERIENCE

### CHEGG INDIA | SUBJECT MATTER EXPERT

2018-2019

solved queries on Computer Science posted by various students over internet.

## MOOCS AND ONLINE COURSES

2019 Machine Learning (Globsynn)

2019 Data Analysis using Python (Globsynn)

## AWARDS

2019 Hackwithinfy Finalist

2019 Codathon(RCCIIT) Champion

2020 Master the Mainframe (IBM) Part 3 Finisher

2020 Gate (2020) Rank 1213 Score 651

2020 Geeks Coding Challenge (rank 60)

2020 Google HashCode International Rank 2077

2020 Logia (RCCIIT) Champion