

TUNESH VERMA

MACHINE LEARNING ENGINEER

SKILLS

MACHINE LEARNING
DEEP LEARNING
COMPUTER VISION
TENSORFLOW
PYTORCH
SCIKIT-LEARN
KERAS
OPENCV
SQL
DATA VISUALIZATION
PYTHON PROFICIENT
QUICK LEARNER

EDUCATION

UDACITY
MACHINE LEARNING
2017 - 2018

AJAY KUMAR GARG
ENGINEERING COLLEGE
MECHANICAL
ENGINEERING
2014 - 2018

CONTACT

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PROFESSIONAL SUMMARY

ANALYTICAL MACHINE LEARNING ENGINEER FOCUSED ON APPLYING SOUND ENGINEERING PRINCIPLES USING BOTH TRADITIONAL AND INNOVATIVE METHODS.

WORK EXPERIENCE

SYNERGY LABS | AUG 2018 - PRESENT

DEEP LEARNING RESEARCH INTERN

- FACIAL RECOGNITION ATTENDANCE SYSTEM WHICH FACILITATES A COMPANY TO MARK ATTENDANCE OF THEIR EMPLOYEES.
- VIDEO AND IMAGE CAPTIONING TO GENERATE CAPTIONS AND AUTOMATICALLY TAG THEM TO MAKE THEM SEARCHABLE.

PROJECT WORK

VIDEO AND IMAGE CAPTIONING SYSTEM

GENERATES CAPTION FOR VIDEOS AND IMAGES TO TAG THEM AUTOMATICALLY SO THAT THEY CAN BE SEARCHED ANY TIME BY ONLY KEYWORDS.

FACIAL RECOGNITION SYSTEM

THIS SYSTEM FACILITATES A COMPANY TO MARK ATTENDANCE OF THEIR EMPLOYEES THE MOMENT THEY STEP INTO THEIR OFFICE, WITHOUT DOING ANY ADDITIONAL WORK.

TABLE DETECTION AND DATA EXTRACTION FROM THE DOCUMENT.

MODEL TO DETECT TABLES AND EXTRACT DATA FROM DOCUMENTS. IT AUTOMATES THE MANUAL WORK OF DATA EXTRACTION FROM TABLES.

BLOOD CELL RECOGNITION.

[HTTPS://GITHUB.COM/TUNESH/BLOOD-CELL-CLASSIFIER](https://github.com/tunesh/blood-cell-classifier)
CLASSIFIES THE DIFFERENT TYPE OF BLOOD CELLS. THE MODEL WAS TRAINED USING DIFFERENT CNN ARCHITECTURES IT AUTOMATES THE CLASSIFICATION OF BLOOD CELL AND DECREASES THE TIME REQUIRED.

MULTI-CLASSIFIER TO PREDICT ACTIVITIES.

[HTTPS://GITHUB.COM/TUNESH/MULTI-CLASSIFIER-TO-PREDICT-ACTIVITY](https://github.com/tunesh/multi-classifier-to-predict-activity)
CLASSIFIES DIFFERENT ACTIVITIES (19 ACTIVITIES) FROM THE GIVEN INPUT SIGNAL. IT HAS A VAST APPLICATION IN HUMAN ACTIVITY DETECTION.

CLASSIFYING DIFFERENT DATA OF FIELDS FROM THE BILL.

MACHINE LEARNING MODEL TO CAPTURE THE DATA OF FIELDS, INVOICE DATE, INVOICE NUMBER, TOTAL AMOUNT, ETC.. IT AUTOMATES THE DATA-ENTRY WORK.