

Kumar Rajwani

Machine Learning Engineer

A machine learning engineer passionate about cutting-edge technology and solving real-world problems, with previous experience in computer vision and nlp, leading a learn team and developing new products.

✉ kumarrajwani1811@gmail.com

🌐 kbrajwani.github.io/

🐙 github.com/kbrajwani

📞 8141873476

🌐 linkedin.com/in/kumar-rajwani-6b79a7128

📝 medium.com/@kbrajwani

WORK EXPERIENCE

Python developer

<https://solusofttech.com/>

07/2019 - Present

Ahmedabad

Responsibility

- My responsibility here is to create ML/DL model, optimize it and give end-point API which can further use in web or app platform.

Digital Content Writer - Analytics Vidhya

medium.com/@kbrajwani

02/2020 - Present

I am writing programming blogs on latest topic coming in machine learning field.

PROJECTS

Smart Home (07/2018 - 12/2019)

- This is useful to access appliances by voice. it have feature face unlock and voice unlock for door security.

Chatbot (07/2018 - 12/2018)

- This chatbot is built to talk on phone calls when user is busy.

Text Summarize (01/2019 - 01/2019)

Pdf mining (02/2019 - 02/2019)

- Exploring library to get specific information from pdf.

Image classification (03/2019 - 04/2019)

- Exploring custom dataset for classification with transfer learning.

Logo detection (05/2019 - 05/2019)

Damage detection (06/2019 - 09/2019)

- Where i am scraping dataset from google and making annotation. Then train mask rcnn for detect damage.

Chatbot (09/2019 - 03/2020)

- Order taking assistant in restaurant with voice enable.

Face recognize and spoof detection (09/2019 - 11/2019)

- Project done using facenet technique to build Face recognize system. Spoof detection done by custom cnn architecture.

Speaker identification (11/2019 - 12/2019)

- This project uses my classmate voice data and trying to identify the person by their voice.

Video classification (01/2020 - 06/2020)

- Creating model for action recognition for ucf101 dataset.

BERT Fine-Tuning on Text classification

BERT Fine-Tuning on Quora Question Pairs

Handwritten Text Recognition (Aws labs)

Tesseract OCR with Python

SKILLS

NLP

Computer Vision

Flask

Tensorflow

Pytorch

NLTK

SKlearn

django

rasa

Data Preprocessing

Keras

Web Scraping

Transfer Learning

TFLite

docker

git

ACHIEVEMENTS

Digital badge for Microsoft Week of AI (05/2019)

Cloud Hero Warm Up: Artificial Intelligence and Machine Learning (09/2019)

https://run.qwiklabs.com/public_profiles/4d8ce151-f654-4ddd-b77a-6e27c28b9a03

Advanced ML: ML Infrastructure (09/2019)

https://run.qwiklabs.com/public_profiles/4d8ce151-f654-4ddd-b77a-6e27c28b9a03

Virtual Labs - MHRD govt of India (IIT Bombay) (India) - NLP Lab

http://vlabs.iitb.ac.in/vlabs-dev/vlab_bootcamp/bootcamp/The_Big_Bang_Nerds/index.html

EDUCATION

Rollwala Computer Center (07/2018 - 07/2020)

Msc in Machine learning and artificial intelligence

PUBLICATIONS

Implementing Home Automation: Beyond Ideas and Possibilities IRJET, Volume 4, Issue 4, April 2020

LANGUAGES

Hindi

Professional Working Proficiency

English

Professional Working Proficiency

Gujarati

Professional Working Proficiency

INTERESTS

Deep Learning

Machine Learning

Artificial Intelligence