

Vibhuti Bansal

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EXPERIENCE

Intern - Android Development & Machine Learning
Roboiotics Services LLP(August 2020 - Present)

Volunteer Experience

Event Management Head
Campus Blocks, BVCOE(June 2020 - Current)

EM Executive
Campus Blocks, BVCOE(September 2019 -June 2020)

Operations Head
Cyber Crew, SAJS(May 2018 - Jan 2018)

EDUCATION

Bharati Vidyapeeth's College of Engineering,
New Delhi— *B.Tech(CSE)* 2019-2023

Seth Anandram Jaipuria School,Ghaziabad —
Class XII - 95.2%
Class X - 10 GPA

PROJECTS

App -

- Uses Google Translation API for multilingual feature
- Uses a tflite type model to ensure offline classification of images through an app

Indian Classical Dance Form Classifier —

Model to classify images into 8 Indian Classical Dance Forms. It uses Image Thresholding and Resnet50. The last 14 layers of resnet are used unfreezed and gives a f1 score of 0.91

Canny Edge Detector —

Implementation of Canny Edge Detection Algorithm from scratch .Its purpose is to reduce the amount of data in an image, while preserving the structural properties to be used for further image processing.It runs in five steps, Smoothing, Finding gradients, Non-maximum suppression, Double thresholding & Edge tracking by hysteresis.

Covid-19 prioritizer —

A chatbot which classifies users into 2 categories,i.e. Urgent and Non - urgent category on the basis of their symptoms, age and locality.

SKILLS

Deep Learning, Machine learning,Computer Vision, Data Analytics

LANGUAGES,LIBRARIES AND FRAMEWORKS

C/C++, Python, Dart
Flutter
Sklearn,Opencv,Numpy,Pandas
MySQL

AWARDS

2nd Runner-Up

Ideathon - BVCOE, henceforth selected in Top 45 teams for Ideastorm, E- Summit, IITR

Competitor of the Year
SAJS -2019

OTHER ACTIVITIES

Selected for :

1. Talent Sprint WE program, supported by Google.