Rahul Kumar Prasad

B.Tech – Electrical Engineering - IIT, Dhanbad

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PROJECTS

1) Rock-Paper-Scissors game: OPENCV, PYTHON

The project can be devided into four parts. First, i was collected images of all the gestures by creating a gather_images file. Then i was build a convolution neural network and after traing it i stored it in a separate file so that we would not have to train the model again and again. Then I made a file to check network is perfect or not. Then i wrote a paly.py file for build an end to end application for playing the game.

https://github.com/rahulomprasad/rock_paper_scissor_game

2) Blog App: Python, Django, Html, CSS

A Blog App where users can post articles regarding anything and read others articles. Users can also update and delete their articles in future by just logging in to their account. Used HTML, CSS for the frontend and Bootstrap for a better user interface and Django framework for the backend part.

https://github.com/rahulomprasad/new

3) Digit Recognition : Deep Learning

Dataset was obtained from kaggle. Then a neural network was initialised by Convolution, Maxpooling, Dropout, Flattening and Dense layers. Then the dataset was fitted into the neural network. After training 98% accuracy has been achieved.

https://github.com/rahulomprasad/digit-recognition

COMPETITIVE CODING

- Having a maximum rating of 1648(Expert) atCodeforces

  http://codeforces.com/profile/rahul_2019

- Codeforces : 1000+ questions, Leetcode: 250+questions

- Hackerrank : Earned 5-star badge in DataStructures And algorithms.

EDUCATION

Indian Institute of Technology (ISM), Dhanbad —

B.Tech. Electrical Engineering

JULY 2017 - MAY 2021   CGPA-8.432

Bidhanchandra Institution, Durgapur— 12th
APRIL 2016 - APRIL 2017- **84.2%**

Sagar Bhanga Hindi High School, Durgapur —10th
APRIL 2014 - APRIL 2015- **88%**

SKILLS

- **Programming :** C++, C, Data Structure, Algorithms
- **Web :** HTML, CSS
- **CS-Subject :** Operating System, DBMS, OOPs

ACHIEVEMENT

- Secured an All India Rank of − 6508 inJoint Entrance Examination (Advance 2017)
- Secured a global rank of 224 on 667 div-3 on Codeforces
- Secured a global rank of 54 at Bubble cup 13 div-2 On Codeforces
- Highest scorer of IIT Dhanbad at Interviewbit

POSITIONS OF RESPONSIBILITY

- Organizer of annual sports at IIT(ISM) Dhanbad

ETRACURRICULARS

- Won silver Medal in Dhanbad District Athletics Championship 2019 1500m
- Participated in Inter IIT Sports meet in 2018 and2019
- Won gold at 2019 and silver at 5000m on annual sports held at IIT(ISM) Dhanbad
- Won gold Medal in athletics in 5000 m at annual sports 2018 and 2019