Nikunj Jain

B.Tech – Computer Science & Engineering - IIT, Dhanbad

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PROJECTS

Beach Resort Website

- An informatory website about a resort, constructed using React, having many unique features like simultaneous multiple sorting over the types of rooms, based on price, occupancy, breakfast, etc. which in turn helps cater to every customer's own unique styles and needs.
- The website can either use local data or customer allotted data through contentful to display information on the website.

LINK: https://github.com/nikunj2012jain/Beach-Resort-Website

Malaria Detection

- The project aims at recognizing malaria parasitized cells.
- The colored image dataset is first converted to black and white, then through contour detection 5 areas are calculated.
- This data is fed into RandomForestClassifier which returns our desired data.

LINK: https://github.com/nikunj2012jain/Malaria-Detection

Image Classification

- This is a multiclass image classifier which predicts the input object from 10 different classes of the CIFAR-10 dataset.
- The model is based on CNN architecture with an accuracy of over 76% in 10 epochs. The accuracy improves on increasing the number of epochs to 25.

LINK: https://github.com/nikunj2012jain/Image-Classifier

EXTRACURRICULARS

- **Abhay Dramatics Club,** active member (director/writer of the winning Inter-IIT street play, 2019 (held in IIT Bombay), have been a part of 6 full length inhouse productions)
- **Actor, Lights Camera ISM** (won the Inter-IIT Film Making Competition, 2019 (held in IIT Bombay))
- Former member of the Students Council
- Model United Nation Conferences

EDUCATION

Indian Institute of Technology (ISM), Dhanbad
B.Tech Computer Science Engineering
JULY 2018 - MAY 2022   **CGPA – 7.23**

The Shishukunj International School, Indore
12th - APRIL 2017 - MARCH 2018 - **90.8%**
10th - APRIL 2015 - MARCH 2016 - **10 CGPA**

SKILLS

- **Strong:** C++, C, HTML, CSS, MS Word, MS Powerpoint
- **Intermediate:** MS Excel, Python, Javascript, Jquery, React, Redux
- **Beginner:** Keras, Tensorflow
- **Operating Systems:** Windows, Linux
- **Other Skills:** Data Structures, Algorithms, Machine Learning, Adobe Premiere Pro, Adobe Photoshop cc, Finance (cryptocurrency)

ACHIEVEMENTS

- JEE ADVANCED All India Rank: 2453
- JEE MAINS All India Rank: 3514
- Scored 379 marks out of 450 in BITSAT
- NSO level 2 qualified, State Rank 23
- Secured 7th rank in CodeMarathon

POSITIONS OF RESPONSIBILITY

- Member of **Association for Computing Machinery**
- Designing member of **Concetto'19**, The Annual Tech fest of IIT Dhanbad
- Member of **Fast Forward India**, NGO
- Organizer, **Srijan**, The Cultural fest of IIT Dhanbad

SPORTS PROGRAMMING

- **Codechef:** User: **j_nikunj**   Rating: 1768 (max- 1768)
- **Hackerrank**   User: **j_nikunj**
  6 star Gold Badge in problem solving
  5 star Gold Badge in Python
- **Codeforces**   User: **nikunj__j**   Rating: 1690 (max-1690)