

Yasharth Singh Parihar

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EDUCATION

AMITY UNIVERSITY

B.Tech in Computer Science and Engineering

2018-2022 | Noida, UP, India

Amity School of Engineering and Technology

Magna Cum Laude

CGPA: 7.22/10.0 (Till 5th semester)

O.P. Jindal School

Passed. May 2016 | Raigarh, India

LINKS

Github:

<https://github.com/TheRajput>

LinkedIn:

<https://www.linkedin.com/in/yasharth-singh-parihar-3b211617b/>

COURSEWORK

UNDERGRADUATE

Algorithms

Operating Systems

Database Management System

Machine Learning

Theory of Computation

Computer Graphics

OOP using C++

SKILLS

PROGRAMMING

Over 5000 lines:

- Java
- Python
- C
- C++

Knows well:

- Machine Learning
- Android
- MySQL
- Javascript
- CSS
- Html

PROJECTS

MEDIC.AI | ANDROID DEV + DEEP LEARNING

September 2020-Present

This application helps diagnose various health problem like lungs disease, brain tumor classification, heart disease detection, cataract classification and many more with the help of highly accurate Deep Learning models(Using CNN).

- Used Keras, tensorflow and tflite model for deployment.
- Used various android features such as bottom drawer, CardView to make application more interactive.

TECHGEEKS | ANDROID DEVELOPMENT

December 2019 – June 2020

This is a blog-post application for technical community providing them a place to keep their ideas.

- Used Google Firebase as back-end for storage, database and authentication.
- Used animations to make application more interactive.

HEART DISEASE PREDICTOR | FLASK + ANN

October 2020

- Designed the model using Artificial Neural Network converting it to .h5 file.
- Created front-end using HTML, CSS and Bootstrap.
- Back-end was designed using Python(Flask API).

SORTING VISUALISER | JAVASCRIPT

October 2020

This website is the combination of Vanilla Javascript and Sorting Algorithms where user can visualize how different sorting algorithm works.

COVID-19 TRACKER | ANDROID DEV + REST

This application was made for android platform using REST API and requests were made to JSON with the help of VOLLEY library. This application gave hourly figure of covid situation in India. Later I added state wise figures also.

TERM PAPER

SWARM INTELLIGENCE | RESEARCHER

June 2019

Worked with Prof Rakesh srivastav to write this paper, a technology which can be used and are currently used in military

AWARDS

- 5 star Hacker-rank problem solver
- 3 star Codechef rating