Rohit Doyal

Final Year | Electrical Engineering | IIT Jodhpur
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EDUCATION

IIT JODHPUR
B.TECH IN ELECTRICAL ENGINEERING
2019-2023*
Current CGPA: 7.61/ 10

MONTESSORI SCHOOL
Grad. April 2018 | Jaisalmer, India
XII:90 Percent
X: 86.66 Percent

COURSEWORK

UNDERGRADUATE
Data Structure and Algorithms
Introduction to Machine Learning
Computer Programming
Computer vision
Computer Architecture
Probability and statics
Mobile and Pervasive Computing
Data Communication Networks

LINKS

GitHub:// **Rohitdoyal**
Linked-In:// **RohitDoyal**
Codeforces:// **Rohitdoyal**
Codechef:// **Rohitdoyal**

SKILLS

LANGUAGES
• C++ • Python •c •C# • JavaScript•
Matlab• Java •Latex

WEB
•Django(Python)•MERN STACK •CSS
•Firebase •Bootstrap •Flask

TOOL AND TECHNOLOGY
• GitHub • Unity3d•Android Studio
• VS-Code• Sublime-text • Google colab
•Netlify •Jupyter

COMPETENCE
•Competitive Programming
• Mobile App Development
•Full Stack Web Development
• Machine Learning
• Game Development

EXTRACURRICULAR

2022•Accommodation and transportation
Head: Varchas fest at IIT Jodhpur .
2021•General Secretary-Legacy Society.
2021•Core Member Gaming Society.

EXPERIENCE

WILLINGS - WEB DEVELOPMENT INTERN
October 2021- December 2021 | Certificate
- Improved and debugged the current front-end of products and used **ReactJS - Redux / CSS** for a seamless interface.
- Used the sharp library to create functionality that can take images from **Firebase** storage and then resize and upload them again.

SUMMER INTERNSHIP AT IIT JODHPUR - DATA ANALYTIC INTERN
May 2021 – July 2021 | Dr. Dip Sankar Banerjee | Certificate
- Learned about an inductive dynamic graph analysis technique that can be potentially parallelized.
- Code Implementation of the technique based on graph neural network,feature extraction, PageRank, and graphsage.

PROJECT

AR TREE GAME -AUGMENTED REALITY BASED GAME
February 2021- April 2021 | Self Project | Git-Hub
- Created a multilevel augmented reality-based game .
- Build different levels, wrote c sharp script for functionality, and design animation and UI for a better user experience.
- Used Technology **Unity 3d**, **Vuforia**, **C#**.

VISUAL RECOGNITION USING ENSEMBLE OF PSEUDO MODELS
September 2022- October 2022 | Supervisor -Dr. Pratik Mazumder (Course Project)| Github
- Trained an ensemble of pseudo models and deployed it on a website to find top similar images and evaluated its performance using MAP score.
- Trained a CNN model with 5 parallel last fully connected layers each acting as a classifier on classes 16 to 25 on CIFAR100 dataset and used euclidean distance between output of the last layer for test image and images from dataset to get similarity score. Deployed this model using flask on localhost.
- Used Technology **PyTorch**, **Pickle**, **Flask**

E-COMMERCE-WEBSITE
June 2022 - July 2022 | Self Project | Demo | Git-Hub
- Developed a full-stack web application for E-commerce with standard functionalities like authentication, build order, .
- Used Technology **ReactJS-REDUX**, **Mongo-DB**,**NodeJS**,**ExpressJS**,**CSS**.

REACT-FIRECHATAPP June 2021 - July 2021 | Self Project | Github | Live
- Created and deployed a real-time chat website where users can chat.
- Used Technology **ReactJS** for front-end along with standard HTML and CSS,**Firebase** for real-time Database Management .

ACHIEVEMENTS

2022 •Global rank 35/3838 in August Starters 50 Div 3 on Codechef
2020 • Changed Branch From Mechanical Engineering To Electrical Engineering
2021 • Rated 5 stars in problem-solving in Data Structures and Algorithms,C++, and Python on Hacker Rank.
2020 •Secured 3rd position in Ideation in Summer Challenge, IIT Jodhpur, and won a cash prize for designing an Arduino bracelet to prevent accidental touches in covid.
2019 •Ranked among the top 0.4 percent of 2.4 million applicants in JEE Advanced
2018 •Ranked first in the 12 RBSE Board Science streams in Jaisalmer.