APPLICATION FORM FOR PAID INTERNSHIP AT C-DOT AT DELHI/BANGALORE

Student Details:

Name	Rhythm Baghel
Father's Name	Dr RK Baghel
DOB	24/05/2004
Address	3/38 MANIT Bhopal
Email id	b22cs042@iitj.ac.in
Adhaar Card No	5080 2106 7686
Mobile No	8839481956
Choice of Location	Delhi

Academic Details

Course	Name of Institute	Branch	CGPA/Percentage	Year of Passing
10th	DPS Bhopal	CBSE Board	93.0%	2020
12th	DPS Bhopal	CBSE Board	93.2%	2022
B.Tech/BE 1st Year	IIT Jodhpur	CSE	7.85	2023
B.Tech/BE 2nd Year	IIT Jodhpur	CSE	7.83	2024
B.Tech/BE 3rd Year	IIT Jodhpur	CSE	Ongoing	Ongoing

Research Work Undertaken in Past

Undergraduate Researcher(LOR)I have been working as an **Undergraduate Researcher** at the Department of Computer Science and Engineering at **IIT Jodhpur** under the guidance of **Dr Pratik Mazumder** for the past 8 months . Currently I am working on a **machine learning** research project funded by SERB-SRG and the topic of my research is **Semi-Supervised Few Shot Learning** wherein I utilized Multi-Factor Clustering techniques to achieve a **notable 2-3% improvement in accuracy** over state-of-the art methods . Since we have achieved significantly good results than the existing methods , we have started writing a **research paper for WACV25 .**

Writeup Regarding Areas of Interest for Research Work

I'm interested in the following areas for Research -

Machine Learning - Worked on several personal projects based on facial emotion recognition , image retrieval and also built a rover for **ISRO Rover Challenge.**
Computer Vision (CV) - Working on a **research project** based on **Semi-Supervised Few Shot Learning.**
Natural Language Processing (NLP) - Worked on building a **chatbot** during my internship at **Aegis School of Data Science**.

Current Institute Details

Institute Name	Indian Institute of Technology (IIT) , Jodhpur
Name of T&P / relevant Head	Puneet Garg
Address	Indian Institute of Technology Jodhpur NH 62 Nagaur Road Karwar 342030, Jodhpur District
Email id	bcd@iitj.ac.in
Phone No	8955872895
Mobile No	8955872895

Enclosures

1. **Resume of the Applicant.**
2. **No Objection Certificate from the Institute for the duration of the Internship**
3. **Marksheets of Class 10th, 12th and Completed Semesters of B.Tech/BE**

Declaration

I _____ Rhythm Baghel _____ Son/Daughter of _____ Dr RK Baghel _____ hereby declare that all the details provided by me in the application for the Paid Internship Scheme at C-DOT are true to the best of my knowledge. Any information found incorrect at any stage of Internship shall make my candidature liable for cancellation and I shall refund the stipend paid to me in such case.

(Signature)

Date: 19-08-2024

Location Jodhpur

Name: Rhythm Baghel