RESUME

Mohit Jindal

Email: jindalm55@gmail.com

Phone: +91-9041187003
LinkedIn: linkedin.com/in/Mohit-Jindal
Github: github.com/GitMohit12

Education

Year	Degree/Certificate/Board	Institute	Score
2022 - Present	B.Tech in Information Technology	Delhi Technological University (DTU)	7.35 CGPA
2022	CBSE Class XII	Sri Guru Harkrishan Public School, Chandigarh	93.4%
2020	CBSE Class X	Golden Earth Global Public School, Sangrur	94.8 %

Academic Projects

❖ **RessQ (BBMS)**   **[Link]**
Created a Web Based Application to modernize the process of blood management using php which help users and blood banks in efficient blood distribution among themselves, and maintaining the database dynamically

❖ **Sentiment Analysis Model**
Developed a Sentiment analysis model using *Tensorflow* which makes it easy for users to check the reviews for any text data without going through it thoroughly

❖ **Text Utility - A React App**   **[Link]**
Created a textutil app using React.js which enables us extract the features of a text such as word count, time to read the sentence, converting to upper and lower case as well as copying the text

❖ **Red Arrow Detection** using **OpenCV**
Implemented a red arrow detection model using OpenCV by applying color thresholding and contour analysis, effectively identifying and highlighting red arrow shapes in images or video streams.

❖ **Multiple Sclerosis Disease Detection**
Developed a model for precise Multiple Sclerosis detection using sk-learn and other frameworks for classifying and predicting the sclerosis disease symptoms using medical imaging

Research Projects

❖ **Digital Transformation for streamlined Construction in Delhi** (Present)
Establishing a robust and user-friendly online platform that simplifies the process for individuals and businesses to apply for and obtain necessary construction-related certifications.

❖ Engaged in **SUAS 2024** (Present)
● Creating an advanced Graphical User Interface (GUI) for the Ground Control Station, enabling efficient tracking of drone activities and seamless communication protocol integration.
● Developing an **OCR**(Optical Character Recognition) model using pytorch and other python libraries which help us achieve **ODLC**(Object Detection, localization and classification)

Technical Skills and Courses

❖ **Programming Languages**: Java,C++, Python, JavaScript
❖ **Software/OS**: Git and Github, Docker, Ubuntu(22.04) Linux OS
❖ **Technical Skills:**.HTML5, CSS, React.js, Node.js, Bootstrap, phpmyAdmin
❖ **Courses:** Deep Learning AI, Introduction to JAVA, Data Structures and Algorithms in JAVA, Front End web-D using React JS

Co-curricular Achievements

❖ **Volunteer for Desh Ke Mentor**
Volunteered a programme started by the Government of Delhi with the objective of connecting voluntary mentors with the students of classes IX to XII of Delhi Government schools and nurturing them in education and career guidance.

Positions of Responsibility

❖ **Software Technician in UAS-DTU (2023-Present)**
As a software Technician, my role is to utilize ML and DL algorithms to enable sophisticated mapping and data analysis through aerial surveillance and remote sensing technologies

❖ **Executive Member in ASSETS-DTU (2023-Present)**
As an executive member of The financial and Investment society of DTU, the role is to enhance financial literacy, organize events, and foster networking opportunities for students interested in finance and investment.

Work Experience

- **Scholist - An innovative scholarship Platform (March, 23 - May, 23)**
  Worked as a campus ambassador for **Scholist**, an educational online platform that helps Indian students find the best universities to study in the USA where I helped build up public relations to the organizations
- **India's International Movement To Unite Nations (IIMUN)**
  Served as a campus ambassador for Delhi chapter of **IIMUN**, the world's largest youth-run organization, where I helped organize and promote student conferences

Achievements

- Secured **3rd position** in **International Micro Aerial Vehicle (IMAV) Outdoors 2023** competition in which three drones were made to do tasks such as Human Activity Recognition (HAR), Mapping, Vehicle tracking, and dynamic waypoint following.
- Secured a **percentile of 99.4% with 5180 rank** in *JEE Mains 2022*
- Qualified *JEE Advanced 2022* with **rank of 11236**
- Qualified Phase 0 of **DARPA Triage Challenge 2023** in which we tried innovations in identification of medical "signatures" of injury that will help medical responders perform scalable, timely, and accurate triage

Declaration

I hereby declare that the details furnished above are true and correct to the best of my knowledge & belief.

Validation

Given below is a drive link to all the certificates and achievements.

https://drive.google.com/drive/folders/1swgwTzFvbThw2Ws0QFsK9ju4CIXOiUS-?usp=sharing