

Mohit Joshi

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[GitHub](#)

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EDUCATION

Year	Examination	Board/University	Institute	GPA/%
Aug, 2021 - Present	MCA	Graphic Era University	GEHU, Dehradun	8.34/10
2020	BCA	Kumaun University	DSB Campus Nainital	65.3%
2017	Intermediate/+2	UK Board	GIC Ramnagar, Nainital	85.8%
2015	Marticulture	UK Board	GIC Ramnagar, Nainital	81.2%

PROJECTS

- **Image Captioning (TensorFlow/Keras/Python)**
 - Processed raw images and text to predict the suitable captions for the images.
 - Processed over 10K images and built features with CNN.
 - The model was assessed on new images and gave a precision of 85%.
- **Facial Emotion Recognition (Python/Tensorflow/OpenCV)**
 - Developed an application for detecting facial emotions in real-time.
 - Developed CNN model & trained over preprocessed images.
 - Takes real-time video through webcam and generates labels for the emotions.
- **Covid-19 Face Mask Detection (OpenCV/Python)**
 - Developed an application to identify a human face with/without masks
 - Extended the available dataset by data straddling.
 - Got almost 92% precision and extended the model to a real-time mask detecting application.
- **U-Net Research Paper Implementation (Python/Keras/TensorFlow)**
 - Segmented the tumor-affected brain MRI images.
 - The model effectively segmented almost all the MRI images.
- **Customer Data Visualization (PowerBI)**
 - Build dashboard to get deep insights of data.
 - Analysed the visuals and came to the conclusions.

TECHNICAL SKILLS

Languages : C++(Proficient), Python(Proficient), Java, C SQL.

Domains: Machine Learning, Deep Learning, Data Science

Tools and Frameworks : Tensorflow, Keras, Matplotlib, Scikit-learn, OpenCV, PowerBI.

Web-Tech:Front-End: HTML, CSS, Bootstrap.

Databases: Oracle, MySQL, MongoDB.

TRAINING & CERTIFICATES

- **Deep Learning Specialization** (Coursera)- deeplearning.ai
- **Data Analytics with Programming R** (Coursera) - Google
- **Advance Data Structures In Java** (Coursera) - University of San Diego

FIELDS OF INTEREST

- ML & AI, Blockchain.

STRENGTHS

- Adaptive, Curiosity for learning.