

# Mehreen Khan

Data Enthusiast | Spatial Data Science | GeoAI

Self - motivated, energetic team player with problem solving, interpersonal, verbal communication, analytical skills and can do- attitude. Through varied skills and conceptualized approach, I like to achieve goals oriented with a dual objective of meeting organization and personal goals and working simultaneously for both short and long-term.



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## WORK EXPERIENCE

### Spatial Data Analyst SenseGrass Inc.

06/2020 - Present

India

Part-time Remote Position

Achievements/Tasks

- Indices for calculation of crop properties with python scripting.
- N,P,K modeling using R and Python for crop monitoring.

### Project Executive Enercomp Solutions Pvt ltd.

11/2019 - 05/2020

Ahmedabad, India

Achievements/Tasks

- Data acquisition, cleaning and Data labelling.
- Data pre-processing and post-processing.
- Road feature detection using Computer Vision & Deep Learning and recognition using 2D SLAM.

### Data Quality Analyst Urban Clap

03/2017 - 05/2018

Gurgaon, India

Achievements/Tasks

- Filtering data based on categories and feedbacks.
- Maintaining google sheets and updating the data.

### Site Engineer ERA DSC J&K

01/2015 - 10/2015

Srinagar, India

Achievements/Tasks

- Site monitoring through weekly reporting.

## EDUCATION

### M.tech Geomatics CEPT University

06/2018 - 05/2020

Ahmedabad, India

Courses

- GIS & Remote Sensing

### B.tech Civil Engineering Manav Rachna International Institute Of Research And Studies

05/2011 - 06/2015

Faridabad, India

Courses

- Civil Engineering

## PROFESSIONAL SKILLS

Python

R

SQL

ArcGIS /QGIS

HTML

CSS

C++/C

JAVA Script

MS Excel

Image Processing

SAS

PostGIS

PostgreSQL

Data Mining

Machine Learning

## PROJECTS

Automated Detection and Recognition of Highway Road Marking with Computer Vision & Deep learning with UAV data products. (11/2019 - 05/2020)

Urban Sprawl Modelling- Prediction of Urban Sprawl in Hyderabad City. (07/2019 - 10/2019)

Geospatial Analysis of Public Health Scenario in Rajkot City. (01/2019 - 05/2019)

Geo-visualization: Spatial Impact Analysis and evaluation of Natal care policies in India. (07/2018 - 11/2018)

Products Detection from Shelves using SSD Model (06/2020 - 07/2020)

## CERTIFICATES

Python 3 Programming - Michigan University (06/2020 - 08/2020)

Clustering Geolocation Data Intelligently using Keras (04/2020 - 06/2020)

## LANGUAGES

English

Native or Bilingual Proficiency

Hindi

Full Professional Proficiency

## INTERESTS

Cloud Computing

Computer Vision

Deep Learning

GeoAI

Machine Learning

Data Analysis

Spatial Analysis