Kushal Chandrakant Shah

CIVIL ENGINEER AND GIS ANALYST

Profile

To work in a firm with a profession work driven environment where I can enhance my knowledge and skills for my betterment and fulfilment of organizational goals. I am professional and highly motivated Civil Engineer and now aspiring to be a GIS analyst. I am fast learner and have ability to cope up with different situation and work pressure.

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📅 DOB: 18TH SEPTEMBER 1995

📍 ADDRESS: 16 SAROVAR AVENUE,
PUNIT MARG,
MANINAGAR,
AHMEDABAD – 380008

Skills

GOOD LEADERSHIP QUALITY

MULTITASKING

COMMUNICATION AND GOOD TEMPERAMENT

PROBLEM SOLVING

ANALYSIS

INQUISIVE TO LEARN NEW THINGS

Language Known

ENGLISH ★★★★☆

HINDI ★★★★★

GUJARATI ★★★★★

Education

Masters of Technology (Geomatics)
FACULTY OF TECHNOLOGY
CEPT UNIVERSITY, AHMEDABAD
2019 –2021

Bachelors in Engineering (Civil)
SHANKERSINH VAGHELA BAPU INSTITUTE OF TECHNELOGY, GANDHINAGAR
2013 –2017

Masters of Technology (Geomatics)
FACULTY OF TECHNOLOGY
CEPT UNIVERSITY, AHMEDABAD
2011 –2013

Work Experience

Site Engineer
(Hirise Hospitality Pvt Ltd in "Hotel Project Double Tree By Hilton")
2017 –2019

Technical Proficiency

Gis And Remote Sensing

ARCGIS PRO

ARCGIS DESKTOP

ARCGIS ONLINE PACKAGE

ERDAS

ENVI

GOOGLE EARTH ENGINE

SNAP

QGIS

Programming Language

PYTHON

CSS

JAVA

HTML

Other Software

AUTOCAD

MICROSOFT OFFICE SUITE

REVIT ARCHITECTURE

Research Interests

My Major Focus in Research is Towards Big Data, Spatial Data Science. I Want to Explore the Areas Which Includes Developing the Application or Working on Real Time Data for Dashboard Preparation Which Displays Different Level of Information.

NOTABLE ACADEMIC PROJECTS

SEMESTER 1

"SWACHH BHARAT ABHIYAN FOR VATVA WARD, SOUTH ZONE, AHMEDBAD", A GIS BASED APPROACH

INVESTIGATING THE USE OF RATIO VEGETAION INDEX (RVI) AND NORMALIZED DIFFERENCE WATER INDEX (NDWI) IN DIU CITY WITH THE HELP OF OPTICAL REMOTE SENSING.

IDENTIFICATION AND SPECTRAL SIGNATURE ANALYSIS OF LAND USE CLASSES IN DIU USING OPTICAL REMOTE SENSING DATA

SEMESTER 2

GIS FOR GOVRNANCE: TOWN PLANNING AND LAND MANAGAMENT FOR THE SMART CITY OF GANDHINAGAR.

SPATIAL ANALYSIS TECHNIQUES: USING GEOSPATIAL ANALYSIS TECHNIQUES FOR DELINATION OF WATERSHED AND WITH THE HELP OF SITE SUITABILITY LOCATING THE BEST SUITABLE SITE FOR WIND FARM IN DAMAN GANGA RIVER BASIN, MAHARASHTRA.

SYNTHETIC APERTURE RADAR: ANALYSING BACKSCATTER RESPONSE AND SCATTERING BEHAVIOUR OF LAND FEATURES USING FREEMANS DURDEN DECOMPOSITION, VOLUME SCATTERING INDEX AND SPAN (TOTAL BACK SCATTER POWER/INTENSITY), IN VANCOUVER, CANADA, USING RADARSAT-2.

HYPERSPECTRAL REMOTE SENSING: SPECTRAL ANALYSIS OF EO-1 HYPERION DATA FOR SNOW GRAIN SIZE MAPPING IN A PART OF SAICHEN GLACIER.

TRAINING AND WORKSHOPS ATTENDED

GIS

- DATA ANALYSIS WITH PYTHON, IBM, COURESARA ()
- SPATIAL DATA SCIENCE: THE NEW FRONTIER IN ANALYTICS, ESRI (8TH APRIL,2020)
- 21 DAYS ONLINE QGIS TRAINING PROGRAM USING QGIS, DEPARTNMENT OF GEOGRAPHY, SCHOOL OF EARTH SCIENCES, CENTRAL UNIVERSITY OF KARNATAKA, INDIA (13/07/20 TO 02/08/20)
- DO IT YOURSELF GEO APPS, ESRI (23RD AUGUST,2020)
- MACHINE LEARNING THROUGH GOOGLE COLAB, AMITY UNIVERSITY (12TH JULY, 2020)
- 2020 INTERNATIONAL GEOINFORMATICS ONLINE SUMMER SCHOOL - SOCIAL SENSING, GEOSPATIAL BIG DATA COMPUTING AND DISASTER MANAGEMENT. (24TH AUGUST,2020 - 2ND SEP 2020)
- GEOSPATIAL APPLICATIONS FOR DISASTER RISK MANAGEMENT, IIRS, ISRO(ONGOING)

REMOTE SENSING

- GEOSPATIAL INPUTS FOR ENABLING MASTER PLAN FORMULATION, IIRS, ISRO (27/7/2020–31/07/2020)
- DIGITAL IMAGE ANALYSIS, IIRS, ISRO (17/08/2020–08/09/2020)

OTHER

- SITE ENGINEER, GICEA (4TH JULY– 31ST OCTOBER, 2015)
- PROFESSIONAL AUTODESK AUTOCAD, KHODIYAR CAD CENTER
- AUTODESK REVIT ARCHITECTURE, KHODIYAR CAD CENTER
- CERTIFICATE FOR COMPLETING A PROJECT-BASED TRAINING PROGRAM ON FOUNDATION ANALYSIS.