

**EDUCATION****Master of Science in Geographic Information Science,**  
Clark University, Worcester, Massachusetts

Expected June 2021

**Bachelor of Technology in Geoinformatics,**

2017

University of Petroleum and Energy Studies, Dehradun, Uttarakhand, India

**SKILLS**

- ArcGIS Software – ArcGIS Pro, ArcGIS Desktop, ArcGIS Online
- QGIS
- Open Street Mapping and editing
- TerrSet
- Python Programming, HTML, JavaScript, Mapbox, R programming
- ArcPy
- Tableau
- Microsoft Office

**Language**

Fluent in English and Hindi.

**RELATED EXPERIENCE****GIS Tutor:** Clark University

August 2020 – Present.

- Helping and mentoring students with their GIS related queries.
- Helping non-GIS students with software like ArcGIS Pro, ArcMap, QGIS, ArcGIS Online.

**GIS Internship** City of Worcester – GIS Department

June 2020 – September 2020

- Analyzed the position of streetlights within the city using the streetlight coordinates and enabled python to integrate their exact position using the streetlight coordinates. The data was further used by the City of Worcester to track the functioning of streetlights. Tools used were ArcGIS Pro and Jupyter Notebook

**GIS Internship**

Bhaskaracharya Institute of Space Applications and Geoinformatics (ISRO), India

May 2017- July 2017

- Utilized Remote Sensing and Arc GIS techniques such as network analysis to complete mapping of existing Oil Fields and Pipeline Alignment.

**GIS Internship**

Matrix Geo Solutions Private Limited, India

May 2016 – July 2016

- Prepared Road Map by joining attributes from ground survey to Google imageries for the digitization of roads.

**ACADEMIC PROJECT EXPERIENCE**

- **Research Assistant: Applied Geospatial Technology and Information Value Method in Landslide Hazard Zonation Mapping** - This project involved how a geo-statistical technique, such as Information Value Method, can be applied when mapping the areas which are disasters-prone. This project was completed under the guidance of Prof Aashish Aggarwal at University of Petroleum and Energy Studies, Dehradun, India  
January 2018 – April 2018

**PROFESSIONAL DEVELOPMENT AND CERTIFICATIONS****ESRI:**

- Spatial Data Science – the new frontier in Analytics – Valid Forever April 2020
- Cartography – Valid Forever May 2020

**Indian Institute of Remote Sensing:**

- Fundamentals of Remote Sensing – Valid forever Sept 2015 – Oct 2015
- Geo-Spatial Technologies for Urban Planning – Valid forever Jan 2016 – Feb 2016