

SHREYA RAJ

CONTACT

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PROFILE

Ambitious Student committed to academic excellence. Prepared to implement diverse skill sets, technical proficiencies and fresh perspectives in line with impactful vision. Motivated researcher with few progressive experiences during colleges years. Energetic self-starter and team builder. Navigates high-stress situations and achieves goals on time. Dedicated with experience in achieving tangible results and cross-team collaboration. With expertise in analysis and quantitative problem-solving skills, dedicated to research growth and improvements.

SKILLS

- **QGIS**
- **ArcGIS**
- **Eradas Imagine**
- **Digital Image Processing**

EDUCATION

Master's in Geography

2019-2021

Department of Geography, Delhi School of Economics, University of Delhi,

Physical and Human Geography with Specialization in Climate Change and GIS

Grade (optional): 7.611

Bachelor's in Geography(H)

2016-2019

Shaheed Bhagat Singh College (M), University of Delhi,

Grade (optional): 8.135

WORK EXPERIENCE

Field Assistant, University of Delhi

June 2018–July 2019

- Produced high-quality outputs and geographical information presentations in user-focused tools and displays.
- Depicted complex data through visually appealing and maps and charts.
- Operated GPS technology and applications to investigate terrain and environment.
- Provided GIS story maps and thematic maps to offer support for public engagement.
- Improved research methodology, developing new statistical methods and models.
- Produced high-quality maps using cartographic principles.
- Utilised geographic information system software to create visual aids.

- **Terrain Modelling**
- **Remote Sensing**
- **Photogrammetry**
- **Cartography**
- **Communication**
- **Java and C++**
- **Interpersonal skill**

HOBBIES

Travelling
 Photography
 Reading
 Playing Chess and Badminton
 Debating

Language

English
 Hindi

- Implemented aerial photographic surveys, collecting pictures to support digital data.
- Compiled data for map and chart revisions, incorporating new feature data and photographs to refine existing products.
- Produced content for websites and social media channels to enhance brand visibility.

Field Assistant, Dr. V.A.V Raman, University of Delhi

June 2019–June 2019

- Worked on challenges faced by people of Malana village due to **climate change with impact on their livelihood, in relation with** response campaign, developing complete communications strategy.
- Kept up-to-date on the latest tourism changes to promptly answer client, supplier and colleague questions without hesitation.
- Conducted in-depth analysis into new systems, determining the effectiveness, making changes where needed.
- Helped develop new equipment and procedures for meteorological data collection and **remote sensing**, providing valuable insight into atmospheric conditions and weather patterns.

Jr. Urban Data Analyst with specialization in GIS at Jaipur Development Authority

(June 2023-current)

ACHIEVEMENTS

- Former President at Department of Geography, Shaheed Bhagat Singh College(M), University of Delhi
- Best Paper and best Presenter Award in Geographers' Youth Conclave organized by University of Delhi.
- Acknowledged as the Editor in book (Field work and Research Methodology) published by professors of University of Delhi.
- Worked in a documentary on Spiti Valley Project in 2018 with a professor from University of Delhi.
- Youth worker at WWF-India.
- Several Volunteer certificates for working in National and International Conferences. • Awarded with excellence certificate in marketing at Delhi University Sustainability Forum and Harithkram Model United Nations Environment Assembly.
- Certificates of participation in World Environment Day Program organized by The Energy and Research Institute, New Delhi and by Daulat Ram College, University of Delhi