Adeeba Mumtaz

✉ adeeba.smumtaz27@gmail.com 📞 7278443072 📍 Kolkata, India in Adeeba Mumtaz 📅 27/11/1999

🧠 Skills

Programming languages
- Python
- R
- JavaScript

Analytical Skills
- Spatial Analysis and Modeling
- Mapping
- Web-GIS

Automation
Selenium

GIS Based Software
- ArcGIS Pro
- QGIS
- ERDAS Imagine
- Geomatica
- Google Earth Pro
- Google Earth Engine

Web Design
- HTML
- CSS

Other Softwares
- Microsoft Word
- Microsoft Excel
- Microsoft Powerpoint
- Microsoft Access
- Notepad++

Database
- PostgreSQL
- SQL server

🎓 Education

Symbiosis Institute of Geoinformatics   2021 – present
M.Sc. in Geoinformatics   Pune, India
Percentage - 78.05

Loreto College   2018 – 2021
B.Sc. in Geography   Kolkata, India
Percentage - 74.47

The Frank Anthony Public School   2016 – 2018
CISCE   Kolkata, India
Percentage - 92.5

Our Lady Queen Of The Missions School   2004 – 2016
CISCE   Kolkata, India
Percentage - 82.4

💼 Professional Experience

GIS Intern   12/2022 – 06/2023
JIO Platform Ltd.   Navi Mumbai, India
- 3D Line of Sight Visibility Analysis for 5G Coverage, PAN India.
- Data Processing and Post Processing using Model Builder in ArcGIS PRO and Python Script for Line of Sight 5G Coverage.
- Developed and executed automated test scripts using Java and the Selenium framework on Neon Eclipse IDE.
- Documentation preparation for Selenium Automation.

📂 Projects

Groundwater Potential Zone Mapping Using Geospatial and Machine Learning Approach (Random Forest and Frequency Ratio)of Pune District.   2023

To determine the driving forces behind groundwater potential zones and to use machine learning algorithms along with geospatial approach to delineate various groundwater potential regions of the study area.

Assessing Morphological Change of Ghoramara Island, Sagar Block, South 24 Parganas, Sundarban   2022

To monitor and analyze current shoreline morphological changes in and around Ghoramara Island. To recommend viable and appropriate corrective measures relying on geospatial tools for visual interpretation and understanding of the recent morphological changes that have resulted in the rapid disappearance of Ghoramara Island from all sides.

Field Report on Sillery Gaon, Kalimpong District, West Bengal   2018

The report aimed to study the socio-economic character of the settlement of Sillery Gaon, which has become a notable yet pristine and uncrowded tourist destination since 2008-2009. Commenting both on the physical as well as the socio-economic character of a region.

📚 Courses and Certifications

AAB Tonics Certificate- An International GIS Competition
Paper titled 'Our Burning Cities, Urban Heat Island'- A case study Bangalore.

'Mapping of Religious Places in the City of Kolkata' - IITB-AICTE Mapathon

Certificate for Completing Windows and Microsoft Office 2019 (Word, Excel and Access), HTML & CSS Course
Grade - A

Certificate For Completion Of Libre Office Suite Writer Training
under Spoken Tutorial FOSS category in association with IIT Bombay

"Changing Geographies:Living with the Pandemic" St. Xaviers College Burdwan

Online Quiz Competition on Landforms - Geospatial Technology Training Centre

Secured 90% Score

Certificate Of Completing Online Course in IIRS Outreach Programme

Calligraphy, Loreto College

Grade - A

🌐 Languages

English	● ● ● ● ●	Bengali	● ● ● ● ○
Hindi	● ● ● ● ●	Urdu	● ● ● ● ○

🎻 Hobbies

- Basketball
- Calligraphy
- Travelling
- Drawing
- Music
- On field Track events (Sprint, Relays)