



Swagatalaxmi Das

Date of birth: 08/05/1998

Nationality: Indian

CONTACT

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europass

WORK EXPERIENCE

01/2024 – 03/2024 Netherlands

Intern at 510-Global 510-Global

- Collection of data from open-source platforms
- Identification of flood-risk basins in Zambia
- Recommend sub-basins to be prioritized for immediate attention

02/03/2022 – 10/08/2022 Chennai, India

Subject Matter Expert Straive: SPi Technologies India Pvt Ltd.

- Problem solving (Questions/Exercises) both from textbooks and from other homework application in a detailed step-by-step manner for various levels of complexity (40 hours/ week)
- Guidance to other SMEs to improve content accuracy, language (English usage, appropriate English sentence structure) and overall quality of the solution content for use by students.

EDUCATION AND TRAINING

2022 – 2024 Enschede, Netherlands

Master in Geo-information science ad Earth Observation ITC
, University of Twente

Field of study Natural Hazard and Disaster Risk Reduction

2019 – 2021 Pune, India

Master in Science Savitribai Phule Pune University

Field of study Geomorphology | **Thesis** Coastal Geomorphology: A Study of Characteristics of Small Tidal Inlets in North Konkan Region, Maharashtra, India

2016 – 2019 Kolkata, India

Bachelor in Science Presidency University

Field of study Geography

LANGUAGE SKILLS

MOTHER TONGUE(S): Bengali

Other language(s):

English

Listening C2

Reading C2

Writing C2

Spoken production C2

Spoken interaction C2

Hindi

Listening C2

Reading C2

Writing C2

Spoken production C2

Spoken interaction C2

Dutch

Listening B1

Reading B1

Writing B1

Spoken production B1

Spoken interaction B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

SOFTWARES

Pix4DMapper | ArcGIS/ArcGIS Pro | LISEM | QGIS | GRASS-GIS | ProShake | ILWIS 3.8.1

PROGRAMMING SKILLS

Deep Learning | Google Earth Engine (GEE) / Google Earth Pro | Jupyter NoteBook | R (Language) | Machine Learning | Data collection and processing | Python

GIS AND REMOTE SENSING

Data format and quality | GIS Skills- Map processing, spatial analysis | Data Analytics, Data Visualization | Fundamentals of GIS | Fundamental Remote sensing | Data analytics

DATA ANALYSIS

data cleaning & data management | Excel Dashboard | Google Dashboard | Power BI, Power Pivot

PROJECTS

Targeted dashboard visualization

Customer/ stakeholder oriented dashboard visualization using fast and simple process like Excel. Complex data representation was also visualized using Looker Studio or Power BI.

Construction of multi-source spatial database using PostgreSQL

Constructed database combining multiple source information
Combined additional data to already existing spatial database
Queried contents as required for further analysis

Other projects

Link <https://github.com/swagatalaxmi1998/Data-Analysis-Portfolio.git>

HONOURS AND AWARDS

01/07/2023 Savitribai Phule Pune University

Gold Medalist: Master in Science

EXTRACURRICULARS

Trained in GIS and RS for Geospatial Solutions

Participated in Geospatial Raster and Vector Data with Python workshop, ITC

Completed ESRI MOOC course: Spatial Data Science: The New Frontier in Analytics