

ADITYA ALLAMRAJU

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EDUCATION

UNIVERSITY OF ILLINOIS

M.S. in Geographic Information Science (GIS)
Illinois Professional Science Master's Concentration

Urbana-Champaign, IL
Candidate, December 2022

CENTRE FOR SPACE SCIENCE & TECHNOLOGY EDUCATION IN ASIA & THE PACIFIC

P.G. Diploma in Remote Sensing & Geographic Information Systems

Dehradun, India
Magna cum laude, June 2020

ANDHRA UNIVERSITY

B.Tech. in Geo-Informatics

Visakhapatnam, India
Magna cum laude, November 2019

EXPERIENCE

EOFACTORY.AI PTE. LTD

Community Manager

- Built a global Remote Sensing Analytics community by promoting EOfactory on social media channels and subsequently onboarding users.

Hyderabad, India
October 2020 – August 2021

SKYMAP GLOBAL PTE.LTD

Product Marketing & Research Intern

- Performed Remote Sensing Analytics on EOfactory online platform, and created Earth Observation models for different applications, and promoted it to the community.

Hyderabad, India
August 2020 – September 2020

IIT BHUBANESWAR

Summer Research Intern

- Performed Digital Elevation Modelling from low altitude aerial images and mapped flood risk areas from the generated DEM.

Bhubaneswar, India
May 2020 – July 2020

CENTRE FOR SPACE SCIENCE & TECHNOLOGY EDUCATION IN ASIA & THE PACIFIC, Affiliated to United Nations

Graduate

- Created a crop rotation map by assessing various crop-rotation categories using Multi-polarized Sentinel 1A temporal SAR data over parts of Kumaun Region of Uttarakhand, India and generated an accuracy map of 80% overall accuracy.

Dehradun, India
January 2020 – March 2020

INDIAN INSTITUTE OF REMOTE SENSING (IIRS/ ISRO)

Intern

- Estimated soil moisture distribution over agriculture fields near Pantnagar, India using Sentinel-1 Synthetic Aperture Radar (SAR) image to incorporate the effect of crop cover in the soil moisture retrieval model.

Dehradun, India
December 2018 – April 2019

ACADEMIC SKILLS

- ArcGIS Desktop (Proficient), ArcGIS Pro (Beginner), ArcGIS online (Beginner), ENVI Classic (Proficient), ERDAS IMAGINE (Proficient), QGIS (Proficient), SNAP (Proficient)
- Python (Intermediate), SQL (Intermediate), JavaScript (Beginner), HTML (Beginner)
- Microsoft Office: Excel (Proficient), PowerPoint (Proficient), and Word (Proficient)