Dhirubhai Ambani
Institute of Information and Communication Technology

NIDHI GUSAI

Msc.Agri Analytics

EDUCATION

Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT)
CPI: 8.6
July 2023 – Present Gandhinagar, Gujarat

Bsc.(Hons).Horticulture - Anand Agricultural University(AAU)
CPI: 8.289
August 2019- June 2023 Anand,Gujarat

CPI: 8.289
Class 12th School- SSKM (GHSEB)
Percentage: 73.84%
2017 – 2019 Bhuj, Gujarat

Class 10th School- SSKV (GSEB)
Percentage: 77.33%
2016 – 2017 Naranpar, Gujarat

SKILLS

Area(s) of Interest : Data Analytics, Data Visualizations, Geo-Spatial Analysis, Machine Learning,

Programming Languages : Python,R,SQL.

Tools and Technologies : MS Office, PostgreSQL, Arc GIS, Erdas Imagine, QGIS,GEE,Power BI,Tableau

Libraries: NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn, GDAL

EXPERIENCE

Company :Krishi Kutumb
May 2024 - August 2024

• My experience as a Data Science Intern at Krishi Kutumb involved a pivotal role in collecting data for crop identification,disease and pest management.
Additionally, I contributed significantly to a deep learning project and acquired expertise in various deep learning models including CNN, ImageNet, and MobileNet.
• **Guide:** Mohan paliwal founder of the company

PROJECTS

Leaf Area Index estimation of Wheat using Machine learning algorithms:
April 2024 IIRS, Dehradun

• Develop machine learning algorithms to estimate Leaf Area Index (LAI) for wheat crops using remote sensing data and ground measurements. • **Guide:** Dr.N.R.Patel

Crop Yield Prediction Using Big Data Techniques :
March 2024 IIRS ,Dehradun

• This project showcases BigQuery ML's capability in handling large datasets and the effectiveness of advanced regression techniques. The Google Looker Studio dashboard enhances accessibility and visualization of predictive insights
• **Guide:** Mr. Kapil Oberai

Weather Prediction by Machine learning:
February 2024 IIRS, Dehradun

• The project aims to predict weather conditions based on weather parameters using different classification algorithms and provides around 85 percent accuracy.
• **Guide:** Mr.Kamal Pandey

Crop recommendation system using Python:
November 2023 DAIICT,Gandhinagar

• The system is based on data gathered for suitable conditions of various crops to provide personalized crop recommendations and for continuous improvement feedback records are also maintained.
• **Guide:** Dr.Amit Mankodi

POSITIONS OF RESPONSIBILITY

Magazine Editor

Content Leadership and Direction

January 2023 – June 2023 College of Horticulture,Anand

Volunteer

Volunteer in NSS

April 2019 –May 2021 College of Horticulture ,Anand

INTERESTS

- Poetry Writting
- Singing

ACHIEVEMENTS

- Received Certificate for training on Microwave Data processing and Applications By SAC.
- Received certificate for Spatial Data Analysis with Arc GIS pro by ESRI India.
- Received certificate for training on Power BI and Tableau by The Pioneer Tech.
- Received certificate for training on Crop yield Modelling by Amnex Infotechnologies Pvt.Ltd
- Winner of innovative idea competition organized by GUSEC Gujarat
- Winner of elocution competition in climate change youth outreach fortnight at college level
- Received a Certificate of Publication for being the co-author of the book titled "Gumraah" by Fairs and Glairs.
- Received 2nd position in national science seminar at district level