

Curriculum Vitae

PRAMOD ARYAL

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Profile Summary

A fast-learning individual with a foundational understanding of Python and other programming languages, currently exploring the field of Artificial Intelligence and Machine Learning. Hands-on experience with small-scale projects and eager to grow in a collaborative environment. Looking to join a reputed organization where I can further develop my skills under the guidance of experienced mentors.

Skills

Programming proficiency: C, C++, Python, Javascript

Libraries worked with: Pandas, Numpy, Matplotlib, Seaborn, Geopandas, Shapely, Sklearn, Rasterio

Framework: Streamlit, Django, React.js

Version control: Git and Github

Tools: Ms. Excel, Google Sheet, Ms. Teams, Google Meet, Zoom, Trello, vs code, Jupyter notebook

Soft Skills: Communicative, Adaptable

Certifications

- a. Omdena's Capacity Building Program with NIC Nepal
 - Ongoing course
 - Learned about: Exploratory Data Analysis, ML models, Train/Test Models, Evaluate models, Prediction, NLP
- b. AI for Everyone:
 - Issued on: June 2020
 - Issued by: Coursera
 - Learned about: Workflow of ML projects, AI terminology and strategy, workflow of data science projects
 - [Certificate Link](#)
- c. Programming for Everybody (Started with Python)
 - Issued on: July 2020
 - Issued by: Coursera
 - Learned about: Python Syntax and Semantics, Basic Programming languages, Computer programming, Python Programming
 - [Certificate Link](#)
- d. Python for Everybody Specialization
 - Issued on: Aug 2020
 - Issued by: Coursera
 - Learned about: Web scraping, Database with python, Retrieving processing and visualizing data from python.
 - [Certificate Link](#)

Projects

- a. Machine Learning - Dashboard development with Streamlit
 - [Github Link](#)
 - [Site link](#)
 - This project is done under the capstone assessment of my ongoing Omdena's Building AI capacity.
 - This is a complete package of Data Collection, clean, explore, Train and test the model, evaluate and make predictions in a dashboard built using streamlit.
 - Implemented a Basic NLP - Sentiment Analysis features.
- b. Machine Learning- Boston Housing Prediction
 - [Github Link](#)
 - With the readily available datasets in Kaggle, obtained a prediction prices of the houses in boston with various other referential data using Machine Learning models. It is done in a jupyter notebook.

- c. GIS Data Science for Climate in Nepal
 - [Github Link](#)
 - Using geopandas library, evaluated Spatial (Raster, vector) data, plotted the outcomes of Nepal in jupyter notebook.
- d. Climate Data Exploratory Data Analysis
 - [Github Link](#)
 - A group project focusing on performing the complete Exploratory data analysis in a collaborative way.
 - Used most of the Git and Github including project management property.
 - In a jupyter notebook.
- e. Stress Tracker Application- Joyous
 - [Github Link](#)
 - This app enables users to add their level of stress on a daily basis and provide them with the chart.
 - Gives a feature of Guided and unguided meditation techniques along with the journaling property.
 - Worked as a group project for a client.
- f. Automatic meeting Joiner:
 - Made for my own use to skip the process of looking at the calendar and join on time manually.
 - Done using chromedriver and Selenium, compatible with my own credentials to join a call in google meet and the zoom.

Education

- a. Bachelors (Hons) in information technology (BIT)
 - Texas college of Management and IT / Sifal, Kathmandu
 - Affiliated to Lincoln University
 - Year graduated: 2023
- b. 10 +2
 - Shree Himalaya Higher Secondary School / Damak, Jhapa
 - Technical and Vocational Stream (Computer Engineering) - Diploma
 - Year graduated: 2017

Job Experience

Data Specialist:

- Sprout Technology Service Pvt Ltd - Cloudfactory Nepal
- Responsible for:
 - Image Annotation and Labeling
 - Video Annotation and Labeling
 - Data cleaning and validation
 - Data categorization and classification
 - Quality assurance and control
 - Team Leading