BIBEK RAWAL

Machine Learninnng Engineer | Python | Data Analyst | Data Annotations

CONTACT

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📍 Kathmandu, Nepal

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EDUCATION

2022-Present
TRIBHUVAN UNIVERSITY

- BSc. Computer Science and Information Technology

EXTRA COURSES

- DeepLearning.AI TensorFlow Developer Specialization

- More at : bibekrawal.com.np/#extra

SKILLS

- Python : Pytorch, Tensorflow, Django, Numpy, Pandas
- DB: SQL, MariaDB
- Web : HTML, CSS, Java-Script, Bootsrap
- Time Management
- Effective Communication
- Critical Thinking

LANGUAGES

- Nepali (Fluent)
- English (Fluent)
- Hindi (Intermediate)

PROFILE

Aspiring Data Analyst, Python and Machine Learning enthusiast with some hands-on experience in developing and deploying and managing databases using SQL and Maria DB along with ML and DL frameworks. Proficient in data preprocessing, feature engineering, and model evaluation. Passionate about leveraging AI to solve real-world problems and enhance business outcomes.

EXPERIENCE

CloudFactory Worker, Data Annotations and 3D roof modeling — 12/2024-Present
CloudFactory

Data Science Fellow — 11/2024-Present
DataCamp and SSRC

PROJECTS

Single Image Super Resolution using GAN — 04/2024 - 05/2024

Generating a High-Resolution image out of a Low-Resolution input (based on SRGAN paper).

- Re-implementation of model proposed by SRGAN paper.
- Understanding Generative Adversarial Network
- Importance and Use of Super Resolution
- bibekrawal.com.np/SRGAN.html

IMDB 50k Reviews Semantic Analysis — 09/2024 - 10/2024

Semantic analysis of reviews for positive and negative reviews using multiple feature extraction and algorithm techniques.

- Text preprocessing such as tokenization, stop-word and puncutaion removal and lemmatization.
- Feature enginnering using techniques such as Tf-Idf, Bag of words, Word2Vec.
- Deep Learning Models used RNN (LSTM), Machine Learning algorithms Naive Bayes.

Vegetation Disease Detector — 11/2023 - 01/2024

Using Convolutional NN for disease detection in plant leaves such as potatoes.

- Worked on image pre-processing for classification.
- Designed a Neural net architect for classification.
- bibekrawal.com.np/VDD.html

REFERENCE

Mr. Manoj Kumal

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Mr. Sushant Poudel

Bhaktapur Multiple Campus/ Co-ordinator / Lecturer

Phone: 9851170509