MANOJ KUMAL

EDUCATION

Bsc. Computer Science and Information Technology
Bhaktapur Multiple Campus, Bhaktapur
November 2018 – Present (Score:-81%)

High SCHOOL
REHDON H.S.S, Kathmandu
July 2016- July 2018(Score:-78%)

WORK EXPERIENCE

Machine Learning Intern
Bottle Technology, Lalitpur
September 2021 – December 2021

- Learn Python, Numpy, Pandas, Matplotlib
- Performed CRUD Operation Using Flask and Mongodb
- Understand and Implement of Machine Learning Algorithms
- Developed QR Code Detection and Api Using Postman Method
- Worked on Covid Detection using X-Ray Image and Used GradCam
- Involved on OCR Project, Which Is Client Project (Working on Image enhancement and alignment I have Tried Easyocr or Pytesseract And I have trained Custom Name Entity Recognition using Spacy or StanfordNERTagger).

PROJECTS

Flight Price Prediction | Python3, NumPy, Pandas, Scikit-Learn

• I Have Performed, All Data Science Project Life Cycle Like EDA, Feature Engineering, Feature Selection, Model Creation, Model Evaluation etc.

• Performed EDA Using Numpy, Pandas and Seaborn and Develop ML Model to Predict a Flight Price Using Their Features.

• Used Different Regression Algorithm Likes Linear Regression, Random Forest Regressor etc and Hyper Parameter Tuning.

Project Blog: https://manojkumal.github.io/Portfolio/post/project-2/

Bank Loan Prediction | Python3, NumPy, Pandas, Matplotlib

• Performed Exploratory Data Analysis Using Numpy, Pandas and Matplotlib and Developed ML Model to Classify Whether The Customer is Defaulter or not.

• Used Different Classification Algorithm Likes Logistic Regression, K-Nearest Neighbor and Random Forest classifier also Done Hyper Parameter Tuning.

Project Blog: https://manojkumal.github.io/Portfolio/post/project-1/

Automatic Number Plate Detection| Python3, Keras, matplotlib

• I Have Prepared Dataset By Myself and Also done Data Labeling And Data Annotation.

• Developed a Classification Model With 85% Accouracy Using Convolution Neural Network For Character Recognition.

• Develop a Detection Model by Using Tensorflow Object Detection API For Number Plate Detection From Image and Working on Image Segmentation.

SKILLS

- C, C++, Python, Numpy, Matplotlib, Pandas, Scikit-Learn, Probability, Statistics
- Tensorflow, Keras
- Flask, Mongodb

EXPERIENCES

- Participate in AIEXPO Nepal 2019 organized by fusemachine and AIDev Nepal
- Project is Essay Grader and worked on team

ADDITIONAL COURSES & CERTIFICATES

- Introduction to Machine Learning –Andrew Ng
- Introduction to Machine Learning in Production
- AWS Machine Learning Foundations-Udacity