Supriya Thapa Bhujel

Data Science Enthusiast

I am a data science enthusiast with a passion for leveraging technology to derive meaningful insights from complex datasets. I am a dedicated and detail-oriented individual with hands-on experience in developing innovative solutions. Through my involvement in various clubs, I have developed strong leadership abilities that I can apply to any project.

cherubbhujel@gmail.com

9817163439

Lainchaur, Kathmandu, Nepal

linkedin.com/in/supriya-thapa-bhujel

github.com/asfkfjhe

WORK EXPERIENCE

AI Fellow
Fusemachines

01/2022 - Present *Nepal*

Achievements/Tasks

- Experienced with a multitude of technologies through projects like solar flare prediction, Deep RL implementation in tictactoe and current work on Deep Steganography.
- Learning and applying various machine learning algorithms, including supervised and unsupervised learning, neural networks, and deep learning techniques to solve real-world problems.
- Certification : Microdegree in Machine Learning, Microdegree in Deep learning

President
Prime IT Club

09/2023 - Present

Achievements/Tasks

- Currently serving as President of Prime IT Club, overseeing club activities, fostering a collaborative tech community, and organizing events to promote IT knowledge and skills.

Front-end Intern
Glek IT Solutions

03/2021 - 06/2022 *Nepal*

Achievements/Tasks

- Designed and developed a responsive website for a car rental service using HTML, CSS, and JavaScript.
- Built a consultancy website using Bootstrap, jQuery, and CSS that showcases the company's services and expertise. The site includes an interactive contact form and optimized for mobile devices.

EDUCATION

Bachelor in Computer Science and Information Technology
Prime College

04/2019 - Present *Nepal*

Courses

- With a focus on data structures, algorithms, physics, math, AI, and OOP.

SKILLS

Python(Numpy, Pandas, Scikit-learn , keras)

SQL(MySQL) Tensorflow Data Visualization

Machine Learning Deep Learning Linux OS

Leadership Communication

PERSONAL PROJECTS

Digit Classifier (09/2022 - 11/2022)

- Developed the project from scratch using numpy
- Also did another form of the same project using tensorflow
- Both model achieved over 90% accuracy in classifying digits.

Solar Flare Prediction (03/2023 - 04/2023)

- Developed an advanced machine learning model to accurately forecast solar flares by analyzing diverse solar activity data. Demonstrated expertise in data analysis, feature engineering, and model optimization

TicTacToe using Deep RL (06/2023 - 07/2023)

- Developed a Tic-Tac-Toe game using Deep Reinforcement Learning (Deep RL) techniques to train AI agents to master the game.

Deep Steganography (10/2023 - Present)

- Currrently working on a project in Deep Steganography, applying advanced neural network techniques to hide and retrieve information within digital media, demonstrating expertise in computer vision and data security."

INTERESTS

Reading scientific articles Writing Blogs

Playing Violin Volunteer work