Sahaj Gyawali

Student

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OBJECTIVE:

A passionate and hardworking CSIT student with a strong interest in Machine Learning and Artificial Intelligence, seeking opportunities to apply theoretical knowledge to real-world projects. With solid programming skills, a strong mathematical foundation, and deep enthusiasm for AI, And I committed to contributing to team success and advancing my career in the field of AI.

SKILLS:

- **Programming Languages:** Python, My SQL
- **Data Analysis Tools:** Pandas, NumPy, Matplotlib, Seaborn
- **ML/AI Frameworks**: TensorFlow, PyTorch, Scikit-learn, Keras
- **Deployment:** Docker, FastAPIs
- ***Development Tools /*** **Version Control*:*** *Jupyter Notebook, PyCharm, VS Code,* Git, GitHub
- **Other Skills:** Familear with linux, Problem-solving, Software Optimization, Critical Thinking, Communication.

PROJECTS:

House Price Prediction Model

→ Created prediction model using RandomForestRegressor to predict house price with good accuracy.
→ Performend datapreprocessing, including handling missing values, encoding categorical feature and feature scaling.
→ Used Pandas and Numpy for datamanupulation and Matplotlib & seaborn for Data & feature visulization.
→ Used Scikit-learn for preprocessing and evaluation.

Book Recommendation System

→ Built Content-Based filtering system using cosine similarity on TF-IDF vector derived from book title, author and publication.
→ Used Pandas and NumPy for data preprocessing and manupulate , implement vectorization using scikit-learn.

EDUCATION:

Bachelor's Degree in Computer Science and Information Technology (Running)

Bhaktapur Multiple Campus(Tribhuwan University),Bhaktapur, Nepal

Higher Secondary Education (2020-2022)

Kathmandu Model College, Kathmandu, Nepal

Major Subjects: Physics, Chemistry, Mathematics, Biology

ADDTIONAL INFORMATION:

Languages: Nepali (Mother tongue), English.

Hobbies: Playing cricket, Nature photography.