Pradip Sapkota

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EDUCATION

Advanced College of Engineering and Management,Tribhuvan University Kathmandu, Nepal
Bachelor of Computer Engineering-(70.1%) *Dec 2019 – Present*

Valmiki Shiksha Sadan Higher Secondary School,NEB Bharatpur,Nepal
High School (Computer Science) *Aug 2015 – Aug 2019*
- Cumulative GPA : **3.46/4**

WORK EXPERIENCE

Software Developer Dec 2019 - Present
ARC-Advanced Robotics Club *Kathmandu, Nepal*
- Worked on creating and maintaining club as well as college websites.
- Worked with club team and had delivered professional training to class of 200 student.

Intern Dec 2024 - Jan 2024
Nepal Telecommunication Company *Kathmandu,Nepal*

SKILLS SUMMARY

- **Languages**: Python, Html, CSS, Javascript, C/C++,SQL
- **Big Data, Machine Learning and Deep Learning**: : Hadoop(GFS) ,Linux, Regression, Classification, CNN, RNN , LSTM
- **Interpersonal skills**: Leadership, Team-work

LATEST PROJECTS

Vadagadi
- **Functionalities:** Created a car and bike rental web app featuring a robust recommendation algorithm to provide personalized vehicle suggestions based on user preferences, optimizing the rental experience and enhancing customer satisfaction.
- **Tech:**Cosine Similarities,Django,Html,CSS

Web-based Bouncing Ball Games
- **Functionalities:** A fully functional responsive a web-based bouncing ball game with a user dashboard and high score tracking.
- **Tech:** Turtle, Html, CSS

HDPn:Comparison of classification algorithms for Heart Diseases prediction | *Research Work*
- **Functionalities:** Developed a responsive web app using the classification algorithm with the highest accuracy to predict heart disease risk based on user-entered medical results, providing an intuitive interface for users to assess their potential cardiovascular health.
- **Tech:** SVM, KNN,Random Forest,XGBoosT,Flask, Html,CSS

Protein Structure Prediction Using Deep Learning | *Research Work*
- **Functionalities:**Developed a Protein Structure Prediction system utilizing advanced deep learning models, enhancing accuracy and precision in predicting complex protein structures for improved bioinformatics analysis.
- **Tech:** LSTM, TCN,GNN

CERTIFICATES

Completed a course on **Machine Learning and Deep Learning by Andrew Ng** on Coursera