Biraj Poudel

118 College Drive, Hattiesburg, MS 39406 • biraj.poudel@usm.edu
(945) 335-5187 • ⌗ github.com/notArealdevv

Education

University of Southern Mississippi   Hattiesburg, MS
B.S. Mathematics, Applied Economics   May 2028
GPA: 4.0; President's List and Dean's List

Technical Skills

- **Programming:** Python, SQL

- **Data Science:** Pandas, NumPy, Scikit-learn, TensorFlow

- **Data Visualization:** Matplotlib, Tableau, Manim

- **Other Tools:** Git, Jupyter, Excel

Projects

Customer Churn Prediction Model   *Python, Scikit-learn*
- Developed a classification model to predict customer churn for a telecom data set.

- Performed feature engineering, balanced unbalanced classes, and applied logistic regression and random forest models.

- Improved accuracy by tuning hyperparameters and using cross-validation.

Movie Recommendation System   *Python, Pandas, Collaborative Filtering*
- Built a recommendation system using collaborative filtering to suggest movies based on user preferences.

- Implemented similarity measures and matrix factorization techniques to optimize recommendations.

- Demonstrated ability to work with large datasets and apply advanced algorithms.

Leadership & Activities

Orchid CS Club, President   Bharatpur, Nepal
Organized coding workshops, mentored students, and coordinated inter-college tech events.

Certifications & Achievements

- Completed **Google Data Analytics Certificate** (Coursera)

- Listed in President's List and Dean's List

- Awarded **Academic Excellence Scholarship** (full tuition) for four years at USM