SANKALPA RIJAL

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OBJECTIVE

2+ years of experience in Machine Learning Projects, seeking Machine Learning internships.

EDUCATION

Bachelors in Computer Engineering, Tribhuwan University   May 2023

SKILLS

Technical Skills	Artificial Intelligence, Machine Learning, Data-mining
Familiar Envs.	Python, Matlab, C++, React, Next.js
Soft Skills	Adaptability, Time Management, Communication, Flexibility

EXPERIENCE

Co-Instructor   2020
Django: Introduction and Basics   *IOE, Thapathali Campus*

- Ran a month long Django workshop; introducing basics of Python, Basics of HTML and CSS and the Django framework.

PROJECTS

Monaural Multi-speaker Speech Separation. A novel approach to change the use of attention based Transformers in single-channel speech separation. This project involved reducing the complexity of the speech separation models yet maintain the results.

Handwritten Devanagari Character Recognition Using Deep Neural Networks. Built a machine learning model for recognizing the handwritten Devanagari characters. Prepared novel data-set and developed a CNN model with high accuracy.

Fitness Flow. Built a web app that tracks user's daily routines, habits they want to keep up with and their sleep routines too.

EXTRA-CURRICULAR ACTIVITIES

- Occasional blog posts.
- Avid anthropology and linguistics learner.

CERTIFICATIONS AND COURSES

- **Machine Learning.** Stanford Online : Coursera
- **Supervised ML: Regression and Classification.** DeepLearning.AI & Stanford Online : Coursera