

Aashisna Thapaliya

 **Home :** Jarankhu, Tarkeshwor, 44600, Kathmandu, Nepal

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Gender: Female **Place of birth:** Nuwakot, Nepal **Nationality:** Nepalese

ABOUT ME

Computer engineering graduate with experience in transformer-based natural language processing models and machine learning.

Passionate about advancing research in Machine Learning and eager to leverage my background in Machine Learning.

EDUCATION AND TRAINING

[07/09/2021 – 05/01/2025]

Masters of Computer Engineering, Pokhara University

Nepal College of Information Technology

City: Lalitpur | **Country:** Nepal | | **Final grade:** 3.71 | **Thesis:** Nepali Grievance Classification Using Distilbert

[07/09/2016 – 07/09/2020]

Bachelors of Computer Engineering, Tribhuvan University

Kathmandu Engineering College

City: Kathmandu | **Country:** Nepal | | **Final grade:** 69.04%

PROJECTS

Nepali Grievance Classification Using Distilbert

I worked on Nepali Grievance Classification using DistilBERT during my thesis; this includes pre-training a DistilBERT transformer-based model using Mask Language Modeling (MLM) on low resource Nepali text datasets and then fine-tuned the model for classification tasks. Additionally, I compared my work with different supervised machine learning algorithms and NepaliBERT.

WORK EXPERIENCE

Aashisna Thapaliya

City: Kathmandu | **Country:** Nepal

[26/09/2023 – 14/05/2025]

BIT Assistant Lecturer, Herald College Nepal (University of Wolverhampton)

-Successfully conducted: tutorials, workshops and delivered lectures on Object Oriented Programming and Object Oriented Design and Programming.

-Developed course content, mentored students on their course work.

PUBLICATIONS

Nepali Grievance Classification Using Distilbert

"Nepali Grievance Classification Using Distilbert." Results in Engineering Journal" under review

Thapaliya, Aashisna*, Joshi, Basanta

*Corresponding Author

Journal Name: Results in Engineering Journal | **Publisher:** Elsevier

SKILLS

Java | Python | C++ | Machine Learning | Deep Learning | Pandas | Numpy | C |
Latex | Office Package | Teaching | Natural Language Processing | Git

SOCIAL AND POLITICAL ACTIVITIES

School Dress Distribution