Saskar Khadka

Work : 28 Kilo, 45200, Dhulikhel, Nepal

Home : Birtamode, 57204, Jhapa, Nepal

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LinkedIn: https://www.linkedin.com/in/saskar-khadka-4bbb18209/

Github: https://github.com/SaskarKhadka

Gender: Male **Date of birth:** 27/01/2003 **Nationality:** Nepalese

EDUCATION AND TRAINING

[04/2007 – 04/2017]

Primary and Secondary Education

Pashupati Awasiya Ma. Vi. facebook.com/pashupatAwasiyaMavi/

City: Urlabari-7, Morang, Nepal

[07/2017 – 04/2019]

+2

Kanchanjunga English High School https://www.kanchanjungaschool.edu.np/

City: Birtamode, Jhapa, Nepal

[08/2019 – Current]

Computer Engineer

Kathmandu University https://ku.edu.np/

City: 28 Kilo, Dhulikhel, Nepal

LANGUAGE SKILLS

Mother tongue(s): Nepali

Other language(s): English

DIGITAL SKILLS

Tensorflow, Keras, Pytorch, sklearn | C, C++ | Python | Javascript | JSON | Microsoft Office | MongoDB | Git | MySQL | Machine Learning, NLP

PROJECTS

[01/2024 – 01/2024] **Medical Prescriptions Recognizer**

An attentive encoder-decoder model that utilizes Convolutional and Recurrent Neural Networks to recognize pharmaceutical prescriptions built using TensorFlow.

Link: https://github.com/SaskarKhadka/Medical-Prescriptions-Recognizer

[01/2023 – 05/2023] **S2GC**

Design and implementation of an 8K*32 bit computer. The computer is equipped with an emulator using which a user can write and run assembly instructions and analyze how each instructions affect the system's registers and flip-flops.

Links: https://s2gc.netlify.app/ | https://github.com/SaskarKhadka/The-S2GC | https://drive.google.com/drive/folders/1aqdqOraYTQzASw8BZm35yJnAseEAzGdq?usp=drive_link

[02/2024 – 02/2024] **Classification of Nepali News Articles using Bidirectional LSTM**

Implementation of a deep learning model based on Bidirectional LSTM to effectively classify Nepali News articles into eight different categories built using Tensorflow, scikit-learn, and Streamlit.

Link: https://github.com/SaskarKhadka/Nepali-News-Classifier

[07/2022 – 11/2022] **Brikshya**

An online digital platform to run a nursery business created using Flutter, node.js, and mongodb.

Link: https://drive.google.com/drive/u/0/folders/1nRUR8QT2J6fBRUfxlvtSr_TYAFrypS-A

[01/2024 – 02/2024] **NEPSE Time Series Forecasting**

An LSTM-based deep learning model that uses historical data of the Nepal Stock Exchange(NEPSE) to forecast its future points.

Link: https://github.com/SaskarKhadka/NEPSE-Time-Series-Forecasting

[02/2023 – 02/2024]

Extractive Summarization and Recommendation of Nepali News Articles using fasttext Embeddings

An AI tool that uses fasttext embeddings trained on a self-curated Nepali news corpus for effective summarization and recommendation to enhance the consumption of Nepali news articles.

Link: https://github.com/SaskarKhadka/Summarization-and-Recommendation

[12/2023 – Current]

Abstractive Text Summarization using Pointer Generator Network for Headline Generation of Nepali News Articles

Implementation of the Pointer Generator Network, as discussed in the paper, Get To The Point: Summarization with Pointer-Generator Networks by Abigail See, to generate clear and concise headlines for Nepali news articles.

Link: https://github.com/SaskarKhadka/Nepali-News-Headline-Generation