

Bimal Timilsina

Computer Engineering Student

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Relevance Experience

System Administrator @KU Boys Hostel

March 2021 – Present // Dhulikhel, Kavre

- Manage DHCP, SSH and Ubuntu Servers
- Manage Switches and Routers

Projects

Background Blurring with Image Segmentation

Tensorflow . Keras . Flask REST API

- Implemented SegNet, UNet, PSPNet and DeepLab models from scratch and trained in Azure Cloud Virtual Server.
- Achieved 98% Accuracy in training set and 97% Accuracy in Test Dataset

Neural Style Transfer

Python . Tensorflow . Keras

- Implemented Neural Style Transfer Paper from Scratch, with Gram Matrix, Content loss and style losses.

Face Verification

Python . Tensorflow . Keras

- Implemented Face Recognition in Tensorflow using Siamese Network and Triplet Loss.

My Venue

Python . Django . MySQL

- A website from which users can book their favourite venues.
- Payment Integration using Stripe, Auto delete dead orders etc.
- Live Website: <http://myvenue.pythonanywhere.com>

Liquor Shop Ecommerce Website

Python . Django . MySQL

- An ecommerce website from which users can buy liquors.
- Age Restriction, Payment Integration using Stripe, Add to Card Option
- Customize Admin Panel to manage the website.

Skills

Programming Languages

Python, MySQL, HTML, CSS, JavaScript (Basics)

Libraries & Frameworks

Tensorflow, Keras, Scikit-Learn, Django, Pandas, Numpy, Matplotlib, BeautifulSoup, FlaskREST API - (Basics), FastAPI (Basics)

Tools & Platforms

Git, GitHub, Microsoft Azure (Basics), Adobe XD, Figma

Education

Kathmandu University

2017 – Present // Dhulikhel, Kavre

Bachelor of Engineering in Computer Engineering

New Horizon College

2015 – 2017 // Butwal, Rupandehi

NEB 10+2 in Physical Science

Courses Certifications

Machine Learning @Coursera

Certificate: GX2GKKDL7QH8

Deep Learning Specialization @Coursera

Certificate: AWEQZECJD9TR

Volunteering

Media and Design Coordinator @Forum For Pharmacy

- Design and Maintain the official website for the event Good Pharmacy Practice Education 2021
- Plan and organize the event from concept to finish
- Design graphics for event promotion

Web Designer

- Designed website for [Aavishkar-19](#) and [IT MEET](#) and [KUOSC](#).

Interests

Reading, Watching Movies, Travelling