

Pawan Neupane

Devchuli, Nawalparasi, Nepal

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Skills

Machine Learning

- Machine learning algorithms (supervised, unsupervised, reinforcement)
- Image processing, Image enhancement
- Deep Learning (Basics), Neural Networks, GAN
- Computer Vision, Anomaly detection

Experience

Member | Robotics Club | National College of Engineering | 2018-2019

Worked as a member of the robotics club in National College of Engineering. Worked on projects like line-following robots.

Minor Project | Skin Disease Detection using CNN | 2020

A program to detect skin diseases in the early stage with the help of its photograph. The program used Convolutional Neural Network to detect the patterns (hidden or prominent) on the skin.

Major Project | Grayscale Image/Video Colorization using GAN | 2021

A program to color grayscale contents to bring life to them. A generative Adversarial Network was used to predict the color content of individual pixels.

Tutor | Python | Oct 2021 – Dec 2021

Taught basic Python and Pygame to primary school students online.

ML Freelance | Aug 2022

Helped deploy some ML models on mobile applications using TFLite.

Programming

- Python, C++
- Numpy, Pandas, Matplotlib
- Keras, Tensorflow (Basics), OpenCV
- MySQL, Django, Flask, Heroku

Education

Tribhuvan University, Institute of Engineering |

National College of Engineering

Lalitpur, Nepal

2017 - 2022

Bachelors in Computer Engineering

(81.96% with Distinction & no backlogs)

Higher Secondary Education Board |

Aroma English H.S.S

Chitwan, Nepal

2013 - 2015

Faculty of Science

(73.10% with Distinction)

Test Scores |

TOEFL: 105(26R 30L 24S 25W)

Awards and Certifications

- **Engineering Scholarship | Nepal Government | Institute of Engineering**

Covered my tuition fees for 7 semesters for academic excellence in computer engineering

- **Certificate of Appreciation | Aroma English H.S.S**

For securing distinction in grade XI

- **CG Gyan-Uday Scholarship | Chaudhary Group**

Received monetary grants for being the SLC topper of my school batch

I solemnly declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Updated on Oct 15, 2022