

Sagar Suwal

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About Me

Passionate web developer with a strong foundation in computer engineering and a keen interest in emerging technologies. Enthusiastic about exploring the latest industry trends and advancements. Beyond technology, I apply analytical skills to stock market analysis, assessing trends to make informed investment decisions. Driven by curiosity and a problem-solving mindset, I am eager to contribute to both the tech industry and financial markets.

Publications

Newari Food DetectoChef	ICT-CEEL Oct 2023
Poojan Koju, Rocky Suwal, Romik Gosai, <i>Sagar Suwal</i>	Paper Link
<ul style="list-style-type: none">Developed a real-time system capable of recognizing typical Newari food items through object detection algorithm YOLO.	

Projects

Image Colorization System	github repo
<ul style="list-style-type: none">Developed a system capable of colorizing old grayscale images, especially focused on various monuments of Nepal.Used pix2pix GAN architecture as a model for colorization.Tools Used: Python, tensorflow, streamlit	
Music Source Separation	github repo
<ul style="list-style-type: none">Developed a system capable of separating various musical instruments.used traditional instruments bansuri and dhime for the seperation task.Tools Used: Python, tensorflow, librosa	
Devangari Character Recognition System	github repo
<ul style="list-style-type: none">used the recognition of 46 Devaganagari characters using Convolutional Neural Network Architectures and various image processing steps.Tools Used: Python, Flask, Tensorflow, PIL, opencv	

Education

Khwopa College of Engineering , BE in Computer Engineering	Oct 2019 - June 2024
Khwopa Secondary School , +2 in Science	Aug 2017 - Aug 2019
Bagiswori Secondary School , SEE	Apr 2013 - Apr 2017

Trainings/Certifications

Workshop on Django	2021
PDSC	
Workshop on Control System using MATLAB	2021
PDSC	
Basic Python Training	2020
Khwopa College of Engineering	
C and C++	2019
Broadway Infosys	

Technologies

Languages: Python, SQL, JavaScript, C++ , C, MATLAB

Libraries & Frameworks: Pytorch, Tensorflow, numpy, pandas, opencv, PIL, React.js, Django, Flask, streamlit, git, linux

Languages

Nepali, English, Newari, Japanese, Hindi