

SAMIP LAMSAL

COMPUTER SCIENCE STUDENT

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EDUCATION

Uniglobe HSS

10 + 2

2018-2021

3.65 GPA (A+)

Tribhuvan University

Amrit Science Campus

BSc. Computer Science & IT

2021-2025

SOCIALS

GitHub: /lamsalsamip1

LinkedIn: /lamsalsamip1

YouTube: /sl7tech

PROJECTS

AI Covid Predictor

Jan 2023

Python | NumPy | Tensorflow

A neural network based on logistic regression to predict the chances of a person having covid based on presence or absence of more than 20 symptoms.

Federal Election 2079 Web App

Nov 2022

Tailwind | React | Django | Beautiful Soup | SQL

A group project involving two people to make the federal & provincial election web app and API. My friend wrote the API and I wrote the web app in react, and the scraper in python to update the API data live from ekantipur website.

Premier League Predictor

Sep 2022

Python | NumPy | Matplotlib

A simple regression based machine learning project to predict the number of points a team is expected to obtain and predict if the team qualifies for top four.

Property Scraper Bot

Aug 2022

Python | Beautiful Soup | Selenium

A scraper app developed in python with the use of Beautiful Soup and Selenium to scrape year built data of US based properties from 5 different websites.

Exam Preparation Apps

May 2020

HTML | SCSS | JavaScript | Apache Cordova

Two mobile apps containing all summaries and question answers of English and Nepali curriculum of NEB +2. Both have over 5000 downloads in the Google Play Store.

SKILLS

Languages

HTML, CSS, JavaScript, C, C++, Python, SQL

Libraries/Frameworks

Tailwind, React, Beautiful Soup, Selenium, Pandas, NumPy, Matplotlib, openpyxl, Django, Tensorflow

Version Control

Git and GitHub

CERTIFICATION

React Basics

Coursera

Version Control

Coursera

Introduction to Database

Coursera

Supervised Machine Learning: Regression and Classification

Coursera

Advanced Learning Algorithms

Coursera

ACHIEVEMENTS

Codebrisk Hackathon Finalist Feb 2023

Represented my college Amrit Science Campus and reached the top 3 final round of Codebrisk Hackathon organized at 3850m altitude by Herald College. Developed a prototype mobile app 'Prawas' with ride sharing and hotel recommender features for travel and accommodation to Kuri Village in 24 hours with three other teammates.

Vertex Hacks Jan 2023

Selected as one of 20 out of 150+ teams to participate in Vertex Hacks, a 48 hour hackathon at NATHM college, organized by IOE Thapathali Campus. Developed a prototype 'Doctor Sahab', an AI powered online doctor solution in 48 hours with three other teammates.

EXPERIENCE

Executive member March 2023 - Present

Open Source Ascol Circle

I am a part of the executive team leading the open source community at my college. We conduct various workshops and events aimed at jfreshers.