

# 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

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## 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.