

# SAMIR WAGLE

## Machine Learning and Data Science Engineering

Aspiring Machine Learning Engineer with a passion for transforming data into actionable insights. My strong analytical skills, combined with a keen eye for detail, enable me to approach complex challenges with innovative solutions. Eager to contribute to a dynamic team and leverage my skills to drive impactful results. Let's create the future of AI together! All my projects are available at GitHub.

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🐙 [github.com/SamirWagle](https://github.com/SamirWagle)

## EDUCATION

### Bachelors in Computer Engineering

Kathmandu University School of Engineering

12/2020 - Present

### +2/ Science

Capital Secondary School

08/2018 - 08/2020

3.54 CGPA

## VOLUNTEERING AND EXPERIENCES

### ORGANIZER

KU Hackfest 2022

05/2022 - 09/2022

*Achievements/Tasks*

- Managed Discord server creation, bot integration, and moderation, ensuring smooth operations.
- Coordinated event reporting with MLH, and facilitated conferences with international participants and judges.

### Social and Moderator Lead (Organizer)

KU Hackfest 2023

07/2023 - 11/2023

*Achievements/Tasks*

- Event Management, Pre event and Post Event managing.
- Content Creation, Social Media Management and SEO Analyst.

### PR officer and Social Media Manager

Kathmandu University Literature Academy

06/2023 - Present

*Achievements/Tasks*

- Managing Club's Public Image, Relation and Digital Presence.
- Designing of Logos, Posters, Flexes and Social Media Post.
- Website, Email Handling.

### Technology and Innovation Co-Ordinator

Impact Nexus Nepal (INN)

11/2024 - Present

*Achievements/Tasks*

- Founding Member of NGO focuses on youth empowerment.

### Volunteer

TedX Kathmandu University

11/2024 - 12/2024

*Achievements/Tasks*

- Event Volunteer

## SKILLS

Machine Learning

Deep Learning

HTML/CSS/JS

MERN

Figma

Data Science

C/C++

Python

Flask

## PROJECTS

### Nepsense (01/2024 - Present)

- Web Scrapping for Nepali Dataset compilation and Annotation.
- Using Bi-LSTM model for profanity and Offensiveness Detection.

### CommentSense (06/2023 - 12/2023)

- Scrapping of YouTube Comments for compilation and annotation dataset.
- LSTM, RNN and GRU models trained for Sentiment Analysis task.

### ProjectHub (11/2022 - 05/2023)

- A proper project management webapp using MERN stack.
- Learnt backend architecture for CRUD, Authentication, Authorization, JWD token.

### Stock Market Prediction Using RSI and MACD (10/2024 - Present)

- Prediction of Nepali Stock using RSI and MACD indicators. using LSTM model.
- Implementation of Front end , Back End, Flask.

## CERTIFICATES AND ACHIEVEMENTS

### Research Paper Publication

"Profanity and Offensiveness Detection in the Nepali Language Using Bidirectional LSTM Models"- [ICON-2024]

### First Position in AI Competition (12/2023 - 12/2023)

We won Data Extraction Task [Organized by KUCC during IT MEET 2023]

### Machine Learning Fundamentals

Basic Fundamentals of Machine Learning

### Postman API Fundamentals

Basic Use of Postman API, How API works.

### Machine Learning Bootcamp [Exploratory Data analysis]

A month-long Machine Learning Bootcamp exploring the Exploratory Data Analysis, Supervised and Unsupervised Machine Learning Model

### React Crash Course

Complete Crash Course on React Including JSX, Integration, Component, Props, Nesting and Reusability

## INTERESTS

Machine Learning

Content Creation

Gaming

Online Courses

Photography

Event Meetup