



Utsav Acharya

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PROFESSIONAL EXPERIENCE

Backend and Data Scientist

11/2023 – present

Omdena 



Participated as data analyst and backend developer in following projects:-

- 1) Combatting illegal deforestation in Romania 
- 2) Mapping Seagrass Meadows 
- 3) Aswan- Intelligent Personal Assistant 

Data Science and Business Analytics Intern

09/2023 – 10/2023

The Sparks Foundation

- Did **Exploratory Data Analysis on COVID** 
- Did **Exploratory Data Analysis on IPL 2023** 

PROJECTS

Volt Vision

Energy demand forecasting for Nepal households.

- Used pandas for data analysis and xgboost for demand forecasting.
- Used sarimax and arimax model for time series analysis and price forecasting.

Rakhsak

Rakshak is an all-in-one safety application designed to provide **real-time updates** on accidents, floods, and other hazards.

- Used nextjs for frontend
- Used fastapi as backend with mongodb dataset
- Use beautiful soup for webscrapping

Guardian Shield

Guardian-Shield is a browser extension designed to enhance your online security by detecting and preventing common fraud and phishing attempts in your emails.

- Used chrome apis for extension
- Used bert transformer and pytorch for spam detection
- Use peagsus transformer and pytorch for terms and conditions summarizing.

EDUCATION

Bachelors in Computer Engineering

2023 – present

Pulchowk Engineering Campus

Kathmandu, Nepal

High School

2021 – 2023

Capital College and Research Centre

Kathmandu, Nepal

GPA: 3.91 + 3.73

AWARDS

Second Position in Prextreme Codeclash

2024

IEEE Pulchowk Campus

Tribhuwan University Merit-Based Scholarship

2023

Tribhuwan University

National IT Olympiad Silver Medalist

2022

STEM, Nepal

National Physics-Mathematics Olympiad Bronze Medalist

2021

SOMES Nepal

SKILLS

Languages — Python, C, C++, Javascript

Frameworks — Numpy, Pandas, Flask, Fastapi, Django, Matplotlib, Seaborn, Scikit Learn, Tensorflow, OpenCV, Spacy, React