Utsav Acharya

✉ clerisyutsav47@gmail.com 📞 +9779860307243 🔗 Portfolio in Linkedin ⬡ Github

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 Seagras 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

CricPix-Classifier 🔗
- Performed Data Acquisition with **Beautiful Soup** and **Selenium**.
- Used **OpenCV** and **Pywavelets** for preprocessing and feature engineering.
- Handled imbalanced data with **SMOTE**.
- Used **GridSeachCV** for finding the best model and hyperparameter.
- Deployed the model with **Flask.**

MoodMeter 🔗
- Used **Spacy** for preprocessing and feature engineering.
- Used **Random Forest Classifier** for model training.
- Deployed the model with **Gradio**.
- Real-time emotion detection with **90% accuracy**.

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++, HTML, CSS, Javascript

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

Developer Tools — Git, Docker, VS Code, Tableau