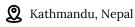
SUBODH GHIMIRE

<u>Github</u>

Linkedin

1 +977 9848943334

✓ ghimiresubodh59@gmail.com



EDUCATION

National School of Sciences Aug 2020 - Sept 2022

Higher Secondary Education

Madan Bhandari Memorial College

Feb 2023 - Ongoing

Bachelor's in Computer Science and Information Technology

SKILLS

• Programming Languages: Python, SQL, HTML, CSS, JavaScript

• Frameworks and Libraries: Flask, NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn

Tools and Platforms: Git, Jupyter Notebooks, Microsoft Office

• Soft Skills: Problem Solving, Critical Thinking, Time Management

PROJECTS

ECOLOG

- Developed a Raspberry Pi-based environmental monitoring system
- Used audio and image processing to detect and respond to forest fires and Implemented functionality for detecting gunshots and smoke

Facial Expression Detection

- · Uses convolutional neural networks (CNNs) and OpenCV for recognizing human facial expressions
- Aimed at enhancing emotion detection through computer vision.

CERTIFICATES

Introduction to Python(CS50)

- Mastered the fundamentals of Python, proficiently utilizing control flow and loops to create dynamic programs.
- Gained experience in writing functions, handling errors, and managing data structures.
- Developed a strong foundation in problem-solving and algorithmic thinking.

Master DSA with Python(Programiz)

- Achieved mastery in data structures and algorithms using Python, focusing on key concepts such as arrays, linked lists, stacks, queues, trees, and graphs.
- Proficient in implementing various algorithms, including sorting and searching and many more.

Python Numpy for Data Science(Programiz)

 Gained expertise in using NumPy for data manipulation and analysis in Python, mastering array operations, mathematical functions, and statistical computations.

Data Visualization with Seaborn(Datacamp)

• Gained expertise in using Seaborn for data visualization in Python, mastering statistical plots, categorical charts, and customizing visual styles for insightful data representation.