

Hyandri Maharjan

Lalitpur | handrymaharjan23@gmail.com | 984198569 |
linkedin.com/in/hyandri-maharjan | github.com/hyariii

Profile

Computer Science and Data Science student with experience in Python, data analytics, and front-end development. Skilled in research, problem solving, and developing innovative digital solutions. Executive Council Member at Sunway Student's Representative Council, responsible for event planning, operations, and resource allocation. Using data-driven decision making and effective team collaboration to successfully execute initiatives and optimize resource management.

Skills Summary

- **Languages:** Python (Intermediate), Javascript (Intermediate), HTML (Intermediate), C (Basic), C++ (Basic)
- **Frameworks:** Pandas, Numpy, Vue.js, Django, Matplotlib
- **Tools:** GitHub, Figma, SQLite, Canva, Excel
- **Platforms:** Jupyter Notebook, Visual Studio Code, Py Charm
- **Soft Skills:** Report Writing, Canva Presentation, Excellent , Design Thinking, Business Plan, Communication, Graphics Design
- **Documentation:** Latex

Education

Sunway College, BSc. (Hons) in Computer Science and Artificial Intelligence, Nov 2024 – Present
Computer Science

- **Coursework:** Computer Architecture, Artificial Intelligence & Machine Learning, Data Science & Analytics, Software Development

Little Angels' College, Higher Secondary School(+2) Apr 2021 – May 2023

- GPA: 3.25/4.0
- **Coursework:** Mathematics, Physics, Chemistry

Prerana vidhyashram, School Leaving Certificate Apr 2020

- GPA: 3.65/4.0

Experience

Executive member, SSRC – Sunway College Jan 2025 – Present

- Collaborated with team members to plan and execute multiple club events, handling scheduling, resource allocation, and day-of coordination.
- Facilitated communication within the executive team, leading to more effective decision-making and enhanced collaboration with other clubs.

Blog Writing

Greedy Algorithms: Practical Applications in Scheduling, Pathfinding, and Resource Allocation Published on [https://medium.com/@handrymaharjan23] May 2025

Projects

CRUD based Hospital Management System February 2025

- **Built a Hospital Management System in Python** using file handling for data storage, enabling efficient CRUD operations (Create, Read, Update, Delete) for managing patient records, doctor profiles, and appointments.
- Tools Used: Python, Tinkinter, Matplotlib

Krishipath

March 2025

- **Developed an AI-powered Farmer Assistant System** that provides crop recommendations, fertilizer suggestions, and soil health analysis based on real-time location, soil parameters (pH, N, P, K, moisture, texture), and environmental data using Python and machine learning.
- Tools Used: Langchain, Django, Scikit-learn, Javascript

UI/UX of "Visit Nepal"

January 2025

- **Designed and developed the UI/UX for "Visit Nepal,"** a travel-focused web platform aimed at promoting tourism in Nepal, using user-centered design principles, wireframing (Figma), and responsive frontend technologies (HTML, CSS, JavaScript) to enhance usability and engagement.
- Tools Used: Figma, HTML, CSS, JavaScript

IoT Based Smart Air Conditioning System

February 2025

- Designed and implemented an **IoT-based smart air conditioning system** to monitor and regulate classroom temperature for better learning outcomes. Utilized sensors, Arduino, and real-time data to automate AC control based on environmental conditions. Focused on energy efficiency, comfort, and data-driven decision-making.
- Tools Used: Tinkercad, Arduino, IOT

Workshops

Data Fellow

- Gained free access to premium DataCamp courses, completed modules in Machine Learning, Data Visualization, and more. Currently pursuing the **Data Analyst** career track to strengthen practical data analysis skills.

Design Thinking

- Participated in a Design Thinking Workshop focused on enhancing creativity, problem-solving, and entrepreneurial skills. Gained hands-on experience in user-centered design, ideation, and innovative solution development.

AI Skill Fest 2025

- Participated in the **AI Skill Fest 2025**, a hands-on event focused on advancing skills in Artificial Intelligence, Machine Learning, and Data Science. Engaged in expert-led sessions, practical challenges, and collaborative learning to strengthen real-world AI problem-solving abilities.

Invited Presentations

Automated Melanoma Detection via Image Processing

Slides

Invited to deliver a talk to the 2024 batch at **Sunway College** as part of a classroom session.

Honors & Awards

- **2021:** Merit-Based Scholarship, Little Angels' College
- **2022:** Merit-Based Scholarship, Little Angels' College
- **2024:** Merit-Based Scholarship, Little Angels' College
- **2025:** DataCamp Fellow, Sunway Student Representative Council

Languages

Languages:

Nepali – Mother tongue

Newari – Mother tongue

English – Professional Working Proficiency

Hindi – Limited Working Proficiency

References

Mala Deep Upadhyaya, Lecturer, Sunway College

-heymaladeep@gmail.com, [linked.com/in/maladeep](https://www.linkedin.com/in/maladeep)

Sanket Shrestha, Operation head, pie and AI

-sanketshrestha09@gmail.com, [linkedin.com/in/sanketstha](https://www.linkedin.com/in/sanketstha)