



# PRERANA SAPKOTA

Undergraduate Student



Phone

+977-9803081800



Email

prerana7717@mbmcsit.edu.np



Location

Baneshwor , Kathmandu



LinkedIn

<https://www.linkedin.com/in/prerana-sapkota-03b786205/>



GitHub

<https://github.com/prerana30>

## + SUMMARY

An enthusiastic tech student who love mathematics, and programming . I am currently learning data science and AI.

## + AWARDS

### Winner of WLiT hackathon

Women Leaders in Information Technology /  
Kathmandu,Nepal

I became the first prize winner of hackathon which aim to raise cyber awareness among young girls

## + EDUCATION

### Bachelors of Science in Computer Science and Information Technology

Madan Bhandari Memorial College / Kathmandu / June, 2021 - Present

First Semester:83%

Second Semester: 78%

## + TRAINING/CERTIFICATION

### Introduction to Programming using Python

DataCamp

Learned about python and simple data science.

### One month Python bootcamp

DRCFS / 2023

Learned basic python,webscraping,OOP.

## + ACHIEVEMENTS

### Microsoft Learn Student Ambassador

Microsoft Learn Student Ambassadors are responsible to build a strong technical community on their campus and to share the knowledge they gain among the academic community by hosting different workshops, meetups, and hackathons and mentoring fellow students by giving presentations and initiating projects

### Received Academic Scholarship

As I got 83% in my rst semester I got 50% scholarship for my third semester.

### Selected to attend GitHub Field Day Nepal

GitHub Field Day is an unconference for leaders of technical communities. I am one of the 50 selected leaders from Nepal.

### Selected as one of the 16 teams for Nepal's biggest All Female Hackathon

We as a team SheCode selected to participate in this all female hackathon.

### Hackathons: Biohackathon , CSITAN , WLIT, All female

I have participated in four hackathons and has showcased many projects.

### Organiser of Global AI Bootcamp

The Global AI Bootcamp is a series of free one-day events organized across the world by local communities that are passionate about artificial intelligence on Microsoft Azure.

## QA Bootcamp

Locus / 2023

Learned QA

## UI/UX workshop

Madan Bhandari Memorial College / 2023

## + PORTFOLIO

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### Gender Violence

I have analysed the data of gender violence and tried to gather information from that data using numpy,pandas,seaborn and matplotlib.

[https://github.com/prerana30/Gender\\_violence.git](https://github.com/prerana30/Gender_violence.git)

### KausiKheti

Simple website which aim to help terrace farmer. It is made using React language.

### Subreddit Scrapping

It's a project on reddit scrapping as a simple bot.

## Core Member of AI/ML Nepal

AIML Nepal is a non-profit volunteer-driven community enabling data scientists, ML engineers & tech leaders to connect, share, and learn from each other.

## Nepal cloud Professionals Board Member

A group of independent IT/ Dev professionals, students,solution providers, and industry thought leaders are driving new ideas in cloud computing.

## Girls in Tech Nepal

I am working as a support squad member in Girls in Tech and have been involved in all of the events.

## Executive Member

CSITAN is an autonomous, non-profitable, service-oriented social organization established by the young energetic BSc CSIT students .

## + REFERENCES

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### Phul Babu Jha

Madan Bhandari Memorial College / Program Coordinator

+977 015172715

[coordinator@mbmcsit.edu.np](mailto:coordinator@mbmcsit.edu.np)

### Melisha Ghimire

Girls in Tech Nepal / Founder

[melisha.ghimire@girlsintech.org](mailto:melisha.ghimire@girlsintech.org)

### Pradeep Kandel

Nepal Cloud Professional / Microsoft MVP(Nepal)

[pradeep.kandel@nepalcloudpro.org](mailto:pradeep.kandel@nepalcloudpro.org)

## COVER LETTER:

Dear NAAMII,

Subject: Why I want to attend the AI school 2023?

I am thrilled to express my enthusiasm and eagerness to participate in the Nepal AI School (ANAIS) 2023. As a dedicated undergraduate student with a passion for data science, machine learning, and artificial intelligence (AI), I believe that ANAIS offers a rare opportunity for me to network, communicate, and propel my career to new heights.

Throughout my academic journey, I have been captivated by the immense potential of AI and machine learning. However, I have often felt a gap between theoretical knowledge and practical industry applications. ANAIS's intensive and hands-on learning experience presents the perfect opportunity for me to bridge this gap and gain practical expertise in the field.

One of the aspects that entices me the most about ANAIS is the opportunity to connect with like-minded individuals from diverse backgrounds. The chance to interact with over 400 participants from more than 20 countries, as well as learn from over 50 renowned researchers worldwide, is truly awe-inspiring. I am eager to build meaningful relationships, exchange ideas, and broaden my horizons through interactions with fellow participants and experts in the field of AI.

ANAIS's emphasis on networking and communication is particularly appealing to me. I believe that effective communication and collaboration are crucial skills in today's rapidly evolving tech landscape. The opportunity to engage in discussions, workshops, and collaborative projects with fellow participants and experts at ANAIS would not only expand my knowledge but also enhance my interpersonal and communication skills. I am confident that these experiences would have a lasting impact on my professional development and open doors to new opportunities in the field of AI.

Furthermore, I am excited about the research-oriented focus of ANAIS. As someone with a strong interest in research, I am eager to explore my research interests and contribute my insights to the field of AI. ANAIS's emphasis on research-oriented projects and exposure to cutting-edge AI advancements would

greatly enhance my understanding and knowledge in this area, and I am eager to learn from fellow researchers and contribute to the field.

However, as a full-time undergraduate student, I face financial constraints that make it challenging for me to afford the fees associated with ANAIS. I am applying for a scholarship to ensure that I can make the most of this incredible opportunity and participate in ANAIS 2023.

I am deeply committed to advancing my knowledge and skills in the field of AI, and I firmly believe that ANAIS 2023 is the ideal platform for me to achieve this goal. The opportunity to network, communicate, learn from experts, and engage in research-oriented projects would be a transformative experience for my career. I am determined to make the most of this opportunity and leverage it to contribute to the field of AI research.

Thank you for considering my application for the scholarship. I am eagerly looking forward to the opportunity to be part of ANAIS 2023 and make the most of this unique experience. Please find my enclosed application and supporting documents.

Sincerely,

Prerana Sapkota

## Reason behind applying for scholarship:

As a student living far from home and managing the expenses of hostel and college, I am facing financial constraints that make it challenging for me to afford the fees associated with attending Nepal AI School (AN AIS) 2023. However, I am extremely passionate about AI and the opportunity to participate in AN AIS 2023 is one that I do not want to miss.

AN AIS 2023 is renowned for its comprehensive and immersive 10-day course on AI foundations and the latest applications, featuring renowned speakers from around the world. The knowledge and skills I would gain from this program would greatly enhance my academic profile and open new opportunities for my future career in AI research or application development.

Despite my financial limitations, I am committed to pursuing my passion for AI and leveraging the learning experiences offered by AN AIS 2023. I believe that this program would provide me with invaluable insights, hands-on learning, and networking opportunities that would be instrumental in my professional growth in the field of AI.

Receiving a scholarship for AN AIS 2023 would be a game-changer for me, as it would provide me with the financial support I need to participate in this program and fulfill my aspiration of expanding my knowledge and skills in AI. It would also recognize my dedication and commitment to the field of AI, motivating me to make the most of this opportunity.

In conclusion, as a student facing financial challenges, I am deeply passionate about AI and determined to participate in AN AIS 2023. A scholarship would enable me to overcome the financial barriers and seize this opportunity, allowing me to pursue my passion for AI and contribute to the field in meaningful ways.



CS77A17



Madan Bhandari Memorial College



Student Name

Prerana Sapkota

Programme

B.S.c CSIT (Bachelor of Science in Computer  
Science and Information Technology)

Validity

04/15/2021 - 04/30/2025

/ Property of Madan Bhandari Memorial College





Tribhuvan University  
INSTITUTE OF SCIENCE AND TECHNOLOGY  
Dean's Office  
Semester Examination 2078

**PROVISIONAL STATEMENT OF MARKS**

Name: PRERANA SAPKOTA

Roll No.: 26647/077

T.U.Regd.No. : 5-2-432-30-2020

Level: Four Years Bachelor's Degree in Computer Science and Information Technology.

Campus: Madan Bhandari Memorial College

| First Year : Second Semester Examination |         |                             |            |     |       |            |     |       |               |     |       |             |
|--|---------|-----------------------------|------------|-----|-------|------------|-----|-------|---------------|-----|-------|-------------|
| Period : 2078 Ashwin – 2078 Falgun       |         |                             |            |     |       |            |     |       |               |     |       |             |
| Course No.                               |         | Subject                     | Full Marks |     |       | Pass Marks |     |       | Mark Obtained |     |       | Credit hrs. |
|  |         |                             | Asst       | Sem | Total | Asst       | Sem | Total | Asst          | Sem | Total |             |
| CSC 160                                  |         | Discrete Structure          | 20         | 60  | 80    | 08         | 24  | 32    | 17            | 44  | 61    | 3 Cr.       |
| CSC 161                                  |         | Object Oriented Programming | 20         | 60  | 80    | 08         | 24  | 32    | 16            | 34  | 50    | 3 Cr.       |
| CSC 162                                  |         | Microprocessor              | 20         | 60  | 80    | 08         | 24  | 32    | 17            | 32  | 49    | 3 Cr.       |
| MTH 163                                  |         | Mathematics II              | 20         | 80  | 100   | 08         | 32  | 40    | 16            | 65  | 81    | 3 Cr.       |
| STA 164                                  |         | Statistics I                | 20         | 60  | 80    | 08         | 24  | 32    | 14            | 50  | 64    | 3 Cr.       |
| PRACTICAL                                | CSC 160 | Discrete Structure          | -          | -   | 20    | -          | -   | 08    | -             | -   | 15    |             |
|  | CSC 161 | Object Oriented Programming | -          | -   | 20    | -          | -   | 08    | -             | -   | 18    |             |
|  | CSC 162 | Microprocessor              | -          | -   | 20    | -          | -   | 08    | -             | -   | 17    |             |
|  | STA 164 | Statistics I                | -          | -   | 20    | -          | -   | 08    | -             | -   | 19    |             |
| GRAND TOTAL :                            |         |                             |            |     | 500   |            |     |       |               |     | 374   | 15 Cr.      |

Result : PASS

Verified :

Balkhu, Kathmandu.

Date : December 3, 2022

*[Signature]*

Asst. Dean

Note : F=FAILED, A=ABSENT





Tribhuvan University  
**INSTITUTE OF SCIENCE AND TECHNOLOGY**  
Dean's Office  
Semester Examination 2078

**PROVISIONAL STATEMENT OF MARKS**

Name: PRERANA SAPKOTA

Roll No.: 26647/077

T.U.Regd.No. : 5-2-432-30-2020

Level: Four Years Bachelor's Degree in Computer Science and Information Technology.

Campus: Madan Bhandari Memorial College

| First Year : First Semester Examination<br>Period : 2077 Chaitra – 2078 Bhadra |  |            |     |       |            |     |       |               |     |       |             |
|--|--|------------|-----|-------|------------|-----|-------|---------------|-----|-------|-------------|
| Course No.   | Subject                                | Full Marks |     |       | Pass Marks |     |       | Mark Obtained |     |       | Credit hrs. |
|  |  | Asst       | Sem | Total | Asst       | Sem | Total | Asst          | Sem | Total |             |
| CSC 109  | Introduction to Information Technology | 20         | 60  | 80    | 08         | 24  | 32    | 17            | 47  | 64    | 3 Cr.       |
| CSC 110  | C Programming                          | 20         | 60  | 80    | 08         | 24  | 32    | 19            | 43  | 62    | 3 Cr.       |
| CSC 111  | Digital Logic                          | 20         | 60  | 80    | 08         | 24  | 32    | 17            | 46  | 63    | 3 Cr.       |
| MTH 112  | Mathematics I                          | 20         | 80  | 100   | 08         | 32  | 40    | 18            | 62  | 80    | 3 Cr.       |
| PHY 113  | Physics                                | 20         | 60  | 80    | 08         | 24  | 32    | 19            | 57  | 76    | 3 Cr.       |
| PRACTICAL  | CSC 109                                | -          | -   | 20    | -          | -   | 08    | -             | -   | 17    |             |
|  | CSC 110                                | -          | -   | 20    | -          | -   | 08    | -             | -   | 19    |             |
|  | CSC 111                                | -          | -   | 20    | -          | -   | 08    | -             | -   | 16    |             |
|  | PHY 113                                | -          | -   | 20    | -          | -   | 08    | -             | -   | 18    |             |
| <b>GRAND TOTAL:</b>  |  |            |     | 500   |            |     |       |               |     | 415   | 15 Cr.      |

Result : PASSED

Verified :

Balkhu, Kathmandu.

Dated : 13 April, 2022



Asst. Dean