




Nawaraj Thapa Magar


Date of birth: 05/04/1999


Nationality: Nepalese

Gender: Male

CONTACT

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Sanga
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EDUCATION AND TRAINING

01/01/2001 – Sanga, Nepal

SLC

Graceland Secondary School

Address Banepa-14, Kavre, Sanga, Nepal

01/03/2015 – **02/03/2017** – Kathmandu, Nepal

10+2

Columbus HSS & College

Address New Baneshwor, Kathmandu, Kathmandu, Nepal |

Website <http://www.columbus.edu.np/>

08/08/2018 – Dhulikhel, Nepal

BEng

Kathmandu University

Address Dhulikhel, Kavrepalanchwok, Dhulikhel, Nepal | **Website** <https://ku.edu.np/> | **Field of study** Mechanical Engineering

16/06/2022 – **20/06/2022** – Dhulikhel, Nepal

TRNSYS

Kathmandu University, Nepal

Participated in five days training program entitled "Capacity Development Training on Transient System Simulation Program" organized by Kathmandu University, Nepal and supported by University Grant Commission, Nepal.

Address Dhulikhel, Dhulikhel, Nepal | **Website** <https://ku.edu.np/>

WORK EXPERIENCE

07/12/2017 – **08/02/2018** – Kathmandu, Nepal

Telemarketer

Jasper IT Pvt. Ltd

- Responsible for motivation, event managing and sales of the websites.
- Overall responsibility for the Company's Customer Services Strategy.

01/08/2020 – **13/05/2021** – Dhulikhel, Nepal

Event manager

SEDS-KU

- Responsible for management of Space Talks and overall events happening throughout.
- Led team as a team leader in research category of every project under SEDS-KU.

02/09/2021 – **01/10/2021** – Kathmandu, Nepal

3D animator

Raeela Production

- Animated a commercial ad for Hit Nepal.
- Provided cooking oil commercial ad for Shiv Shakti Group.

PROJECTS

09/2019 – 10/2020

● **Socio-economic Assessment: An overview of current scenario of household cooking energy in Nepal**

10/2020 – 03/2021

● **Conceptual Rover Design for Excavation and Disposal in Moon**

11/2020 – 03/2022

● **Design and Development of Stand-Alone Solar and Turbine Hybrid Model**

04/2021 – 08/2021

● **Feasibility of Solar PV Drinking Water Pumping System: a study from Sarswatitar Village, Nepal**

03/2022 – CURRENT

● **Optimizing Mixing Performance of Anaerobic Digestion by CFD approach**

06/2022 – CURRENT

● **Cost-Benefit Analysis of Access to Clean Cooking by developing policy scenarios and its energy balance: A case study from Banepa Municipality, Nepal**

MANAGEMENT AND LEADERSHIP SKILLS

● Team Leader

Lead a team in Singapore Space Challenge (SSC- 2021) with our first conceptual rover design on Moon for excavation organized by Singapore Space and Technology Ltd, Singapore.

● Participation

Participated on AQUABOT: A Cleaning Robot Competition organized by Kathmandu University Robotics Club(KURC) in AAVISHKAR 18.

LANGUAGE SKILLS

MOTHER TONGUE(S): Nepalese Language

OTHER LANGUAGE(S):

English

Listening
C2

Reading
C1

Spoken
production
C1

Spoken
interaction
C1

Writing
C2

Hindi

Listening
C2

Reading
C2

Spoken
production
C1

Spoken
interaction
C1

Writing
B2

DIGITAL SKILLS

My Digital Skills

Matlab / Pvsyst / OpenFoam / TRNSYS / Solidworks / Adobe / Python / Blender / Ansys / C++ / LEAP-OSeMOSYS(Energy Systems Modeling) / HOMER Pro / ArcGIS software / CF Turbo / Software LaTeX / Microsoft Office (Word, Excel & PowerPoint)



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