

Aasman Bashyal

Machine Learning Engineer

Baneshwor, Kathmandu

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Education

Tribhuvan University, Institute of Engineering, Pulchowk

Pursuing bachelors Degree in Electronics and Communication Engineering

2017 – 2022

Pulchowk, Lalitpur 44700, Nepal

Times International College

Completed high school in Pure Science, Physical Group

2015 – 2017

Dillibazar, Kathmandu Nepal

Experience

Robotics Club, Pulchowk Campus

Worked as Hardware Designer and Embedded System Programmer

2017 – 2021

Pulchowk, Lalitpur 44700, Nepal

IEEE Pulchowk Student Branch

President

2020 – 2021

Pulchowk, Lalitpur 44700, Nepal

KIAS

Research Intern at KIAS

2020 – 2021

Bagdol, Lalitpur, Nepal

NEAR Space

Electronics Engineer

2021 – 2021

Kupundole, Lalitpur 44700, Nepal

Projects

Rugby Playing Robot

ABU ROBOCON 2020

Suva, Fiji

- > Embedded Programming of semi automatic robot
- > Winner: TOKYO ELECTRON AWARD

Try Robot

ABU ROBOCON 2019

Ulaanbaatar, Mongolia

- > Circuit Development for the try robot
- > Winner: Best Shuttercock AWARD

Automatic Modulation Classifier

Major project

- > CNN based deep-learning model for classification of modulation type of randomly received signal for appropriatede modulation.

SLAM

Junior Year Minor Project

- > A SLAM package created in ROS which is based in Breezy SLAM

Rockabybaby

Junior Year Instrumentation project

- > A smart baby cot (Winner: SDG Health Category (LOCUS 2020))

3D reconstruction

Junior Year graphics Project

- > Modeling the 3d object using point cloud from kinet

Baag Chal and Bouncy Ball

Junior Year C++ Project and C Project respectively.

Visual Light Communication

Project for locus event 2018

Skills And Intrest

Technical Skill Python, C/C++, ML, DL, AWS, Embedded Systems, Kicad, Proteus, ROS, Matlab, Latex, GIT, Docker, IOT

Extra Skill Inkscape, MsOffice, Canva

Interest Robotics, FPV Drones, EV, Teaching, Cricket