

Ashim Dahal

Lokanthali, Bhaktapur, Nepal

 codeashim@gmail.com |  <https://ashimdahal.com.np> | <https://linkedin.com/in/ashimdahal>

PROFESSIONAL EXPERIENCE

Robotics Association of Nepal

Research and Development Intern

Ekantakuna, Nepal

July 2022–Present

- Taught fundamental of robotics to 700+ students under project Ujjwal Bhawisha.
- Working on RAN's internal confidential research, building ANNs with over 97% accuracy,

Together We Learn Community,

Founder and President

Bhaktapur, Nepal

Jan 2022–Present

- Wrote 20+ newsletters to provide learning resources to more than 120 students, helping them to learn programming
- Worked closely with board members, managing over 10 events like school outreach programs, hour of code, research paper reviews and webinars impacting over 600 students
- Handled the social media platform and discord server, updated every newsletters into posts and archives to keep record for future aspirants
- Involved in group projects, building chatbots with over 500+ unique users and penning down research paper on human computer interaction

The English Society

Executive member & IT head

Kathmandu, Nepal

Sept 2019–March 2021

- Involved in the club activities, executing college-wide programs, producing podcast episodes, making impression on over 1000 students
- Acted as the point of contact for 26 members and 50+ candidates, making communication efficient and faster

EDUCATION

Capital College and Research Center

High school with science major

(GPA(11+12) : 4.0+3.5)

Koteshwor, Kathmandu

Dec 2021

Coursera Credentials

Generative Adversarial Networks (GANs) Specialization, 3 courses, by DeepLearning.AI

December 15, 2021

Deep Learning and Reinforcement Learning by IBM

July 16, 2021

Sequence Models by DeepLearning.AI

July 09, 2021

Neural Networks and Deep Learning by DeepLearning.AI

August 11, 2020

Machine Learning by Stanford Online

August 04, 2020

Introduction to Data Science in Python by University of Michigan

May 26, 2020

RESEARCH PAPERS

Ashim Dahal. Do you “Go big or go home” with Neural Networks?, 3 June 2022. PREPRINT (Version 1) available at Research Square [<https://doi.org/10.21203/rs.3.rs-1716492/v1>]

Ashim Dahal. Would you own a ROBOT? : A detailed research on public response to the nooks and crannies of owning a robot., 31 May 2022, Under review at *International Journal of Social Robotics*, PREPRINT (Version 4) available at Research Square [<https://doi.org/10.21203/rs.3.rs-1622143/v4>]

PROJECTS

Jelly the chatbot

Used unicode translation, flask, python and google cloud services to transform facebook's blender bot to reply to romanized Nepali.

Chicken Recipe Generator

Created and analyzed three text generation models to make chicken recipes using tensorflow.

AR Sudoku Solver

Used python programming with openCV and keras to make Augmented Reality Sudoku solver.

Other Projects

Used technologies like TensorFlow, PyGame, openCV, PyTorch, PHP to make Image Classifiers, GANS, Flappy Bird game, School Management System, portfolio webpage, document scanner, hotel moontowerinn's website, etc.

SKILLS

Technical Skills

Python | Machine Learning | Deep Learning | PyTorch | Matplotlib | Tensorflow | openCV | Flask | Numpy | PHP | JavaScript

Soft Skills

Strong: Enthusiasm | Verbal and Written Communication | Empathy | Teamwork |