

Ruja Awal

Highly motivated and enthusiastic Computer Engineer with a strong passion in frontend development. Having completed many individual and group projects, possesses a significant ability to work in team environments. Looking forward to applying my skills and contributing to a dynamic organization.

EXPERIENCE

Fuse Machines AI Fellowship — 2022 Fellow

March 2022 - August 2022

- Successfully completed the AI Fellowship Machine Learning Program with the final grades of 77.26% honors.
- Learned the core concepts of Machine Learning and data science.

Third Winter School in AI

December 20 - December 30, 2021

Actively participated in an intensive 10 day winter school on Artificial Intelligence, Computer Vision and Machine Learning conducted by NAAMII.

EDUCATION

Pulchowk Campus, Lalitpur — Bachelor in Computer Engineering

November 2018 - April 2023

Capital College and Research Center, Kathmandu — +2 Science

2016 - 2018

A | 3.48

Himalayan English Secondary School — SLC

A+ | 3.95 | Bhaktapur District Topper

PROJECTS

Mathematical Handwritten Equation Recognizer

- Web application which takes input an image of mathematical equations and gives output the equation in the standard mathematical form.
- Worked in image segmentation and training the model.

Faculty Publication Management System

- A web application where all the research papers on the Internet of the faculty members are stored in their respective accounts through automation using web scraping with faculty evaluation.
- Worked in scraping of research paper citations from different websites.

SKILLS

Python (OpenCV)

MySQL

C/C++

Image Processing

ACTIVITIES

Vice President of 19th Executive Committee of Engineering Students' Group of Bhaktapur.

Ambassador at Girls in Tech - Nepal for Core Team for the role of Chapter Relation Manager.

LOCUS 2023

- Involved in tutoring during Children in Tech and Internet Safety Campaign at the rural parts of Chitwan.
- Organizer of LOCUS Hack-A-Week 2023.
- Volunteered in a 10 days long Software Fellowship.

