



# Rabin Adhikari

---

Khairahani-8, Parsa  
Chitwan  
Nepal

**E-mail:** rabin.adk1@gmail.com,  
074bct529.rabin@pcampus.edu.np

**Website:**  
<https://www.linkedin.com/in/rabinadk1/>  
<https://github.com/rabinadk1>  
**Phone:** +9779844666021

## SUMMARY

Effective Student committed to learning, developing skills in Machine Learning, Web Development and Networking. Capable of self-managing and working independently or collaborating with others on group projects.

## EDUCATION

**Bachelor in Computer Engineering** November 2017 — Present  
Central Campus, Institute of Engineering, Tribhuvan University, Nepal  
**Rank 1 In Entrance Exam** conducted by Institute of Engineering in 2074 B.S. among nearly 18,000 candidates

**10+2 in Science** June 2015 — June 2017  
SOS Hermann Gmeiner School Bharatpur, Bharatpur, Chitwan, Nepal  
Graduated in Top 1% of Class on an average of 85.3%

## WORK EXPERIENCE

**Nepal Applied Mathematics and Informatics Institute for Research (NAAMII)** June 2020 — Present  
Research Intern  
I am currently working under diyo.ai to build Nepali Language Text Corpus.

**IEEE Pulchowk Student Branch** Feb 2020 — Present  
Event Chair  
Organized Tech Talk on "A Platform for Innovations and Ideas" with the CEO of Yatri Motorcycles and the CEO of International Green Developers Nepal as the speakers of the session.

**Locus, Nepal** February 2020  
Organizer  
Organized **RoboWarz**, a popular event of one of the largest technological festival of Nepal, Locus. Robots from different places of Nepal came to battle with each other

**Locus, Nepal** February 2019  
Participant  
Built an Android app named, **Smart Counter** which booked tickets of a certain bus company and showed which seats are booked, sold and available. Flask was used as server and React Native was used to program Android application.

**Locus, Nepal** February 2018  
Participant  
Made an **Air Quality Sensing Device** that measured the quality of air in the surrounding and displayed it in LCD and, rang an alarm when the pollution crossed a certain level. It could also be used as a **Gas Leakage Detector** for household purposes which notifies the owner is there is a Gas Leakage in his home

## LICENSES & CERTIFICATIONS

- **Deep Learning Specialization** by deeplearning.ai on Coursera
- **AI for Medicine Specialization** by deeplearning.ai on Coursera
- **Natural Language Processing with Classification and Vector Spaces** by deeplearning.ai on Coursera
- **Natural Language Processing with Probabilistic Models** by deeplearning.ai on Coursera
- **Natural Language Processing with Sequence Models** by deeplearning.ai on Coursera
- **Tensorflow in Practice Specialization** by deeplearning.ai on Coursera
- **TensorFlow: Data and Deployment Specialization** by deeplearning on Coursera
- **Mathematics for Machine Learning Specialization** by Imperial College London on Coursera
- **Applied Data Science with Python Specialization** by University of Michigan on Coursera
- **Machine Learning** by Stanford University on Coursera
- **Digital Developer Conference: Cloud Native Track** by IBM

## ACCOMPLISHMENTS

- Conducted a **Workshop on Introduction to Programming** for all the undergraduates to provide an insight to what programming is
- Conducted a **Workshop on Version Control System** with Insights to Git
- Conducted a **Talk show on Market, Startup and Industry** with a speaker from CEO of Startup Industry of Nepal

## PROJECTS

### Kukurshetra

A cross platform desktop app written in C++ which runs on both Linux and Windows where two users with two computers of their own on the same local area network (LAN) shoot bullets at each other. The one to kill the other first wins.

### 3D Modelling of ICTC

A 3D simulation of the ICTC building in the Pulchowk Campus written in C++ using OpenGL and GLSL.

### Kurakani

An online messaging service using Flask, similar in spirit to Slack. Users can sign in to this website, create channels, see other channels and join them. Once the channel is selected, users can send and receive instant messages from other users on the channel.

### Book Sansar

A book review website where users can review different books and see review of other users, too which will be saved in a database. It also used Goodreads API to see ratings of different books from a broader audience. It was made using Flask, a microframework of Python and Postgresql.

### Scrappy101

A webapp written in Flask which compares the prices of technological products from popular websites and display them so that user can visit the website with the cheapest price and save his/ her money and time.

### Typing Tutor

A simple C program that teaches users how to type with the availability of their own dashboard to see their achievements and which lessons are remaining to be completed.

## INTERESTS

- Artificial Intelligence
- Machine Learning

- Image Processing
- Networking
- Blockchain Technology
- Web Development
- Technology implementation for problem-solving

## TECHNICAL SKILLS

- *Python* programming language including libraries useful for machine learning and deep learning like *Numpy*, *Pandas*, *Scikit-Learn*, *TensorFlow*, etc
- Client side programming using *JavaScript* / *Typescript* and its various frameworks like *React*
- Server side programming using *Node.js* frameworks like *express* and *Python* frameworks like *Django* and *Flask*
- Experience with various *SQL* and *NoSQL* databases
- Linux skills like *vim*, *tmux*, shell scripting and experience fo different linux distributions
- Version control systems like *Git*
- *Android* programming using *React Native*
- Computer graphics programming suing *OpenGL* along with *SDL* and *SFML*

## NON TECHNICAL SKILLS

- Fast Learner
- Highly Dependable
- Attention to Detail
- Communication
- Ability to work under pressure
- Decision Making
- Time Management
- Self-Motivation
- Conflict Resolution
- Leadership
- Adaptability

## AFFILIATIONS

- Member, IOE FOSS Community, 2017 to Present
- Member, Mozilla Campus Club, Pulchowk Campus, 2017 to 2019
- LOCUS, Nepal, 2017 to Present

## SPOKEN LANGUAGES

- Nepali
- English
- Hindi