# AKKAL BAHADUR BIST

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## Data Science, Machine Learning, Natural Language Processing & DL Research Student

## Summary

Research interests on Artificial Intelligence (AI), Machine Learning (ML), Deep Learning (DL), Natural Language Processing (NLP), Pattern Recognition and Data Science.

## Education

**2013 - 2018**

Bachelor degree

*Tribhuvan University/Swastik College Kthmandu, Nepal*

Bachelor of Science in Computer Science and Information Technology (BSc.CSIT).

**2011 - 2013**

10+2/Higher Level

*Hill Town International High School Kirtipur, Kathmandu*

10+2 programmed offered from Higher Secondary Education Board (HSEB).

**2002 - 2011**

S.L.C. / School

*Shree Kedar Secondary School Deulikot, Bajhang*

School Leaving Certificate is programmed offered by Nepal Government for Secondary Level.

## Work Experience

**2018 - Present**

Executive Director of Research & Technology

*Sikhar Tech Pvt. Ltd.*

IT from HImalayas ICT Quiz (ICT-Qz) Software

Websites (conference KIAS, SHarada Mavi School, IT from Himalayas, Madhesh Tourishm, sikhartech, and so on..)

**2017 - 2019**

Data Science/Machine Learning/Artificial Intelligence Developer

*Kathmandu Institute of Applied Sciences*

Remote sensing and geographical information system (GIS).

Big data manipulation and visualization.

Species distribution model in Nepal.

ArcGIS/QGIS integration with machine learning.

Prediction analysis on various species model in Nepal.

**2015 - 2017**

Software Engineer

*Yarsha Nepl*

PHP website design and development, various logo and card design.

Android files contain and management android application design and developed.

2013 - 2017     Front End Development
                *CSIT Portal*
                Handled content management and front end development part.

## Area of Expertise

- Software Design/Development

  Python                 R                    Java for Android, PHP Web
- Data Manipulation, Visualization and Analysis

  ArcGIS         QGIS              Circos, Shiny        rStudio, Jupyter Notebook, Spyder
- Animation and Designing

  Inkscape  Vector Graphics ditor                     GIMP Image Editor

## Synergetic Experties

- Presented one day "*Data Science & Machine Learning*" Workshop on the topic "*Data Analytics using Python*".
- Attended three days "*Machine Learning*" workshop held in Developer Session with certificate.
- Attended two days "*Machine Learning and Data Analytics*" workshop held in Tribhuvan University Central Department of Computer Science & Information Technology with certificate.
- Attended "*NASA International Space Apps Challenge*", Kathmandu 2017 with certificate.
- Attended "*Django and Data Science*" workshop held in IIT Nepal, with certificate.
- Complete Machine Learning & Deep Learning Courses,  Coursera .
- Completed various Python & R Courses, Udemy with certificate.
- Complete various FreeCodeCamp  curriculum, freecodecamp.
- Completed Android Development Course at Swastik College with project.

## Key Skills

Programming(Python, R, Java for Android, PHP - Wordpress, C++, C, HTML,  CSS, JS).

Operating System(Linux, Unix, Windows) , Office Packages and Graphics Tools.

Remote Sensing and Geographical Information System (GIS) Tools (ArcGIS, QGIS, Shiny).

## Language Skills

Nepali

Proficient

English

Independent

Hindi

Independent