



**Bibek
Chapagain**

CONTACT



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ABOUT ME

I am interested in Machine Learning, Computer Vison, Image Processing, etc. I want to explore more about this field.

WORK EXPERIENCE

02/2020 – CURRENT – Itahari, Nepal

Web developer

Blue Fox Pvt. Ltd.

- Designing, developing and maintaining websites as per client's demand.
- One to one meeting and regular communications with clients to collect requirements and provide demos.
- Mentoring Blue Fox's 1st batch interns from Itahari International College on Python programming language and web development.
- Integrating APIs into website.
- Creating different website templates using JS, HTML and CSS according to company standard.

15/04/2021 – CURRENT – Kathmandu, Nepal

Computer Science Teacher

Kathmandu Pragya Kunja School

- Teaching students the fundamentals of computer programming.
- Conducting weekly Python programming sessions.
- Conducting different soft skills and presentation skill sessions for students
- Conducting workshop sessions for teachers to help them with different software used during online classes.
- Designing the curriculum with modern day learning concepts

01/12/2021 – 09/03/2022

Program Administrator - Volunteer Work

British Council Nepal

- Planning and designing curriculum for "Digital Literacy" a Social Action Project
- Conducting and supervising the workshop sessions
- Conducting different soft skills and presentation skills enhancement sessions
- Mentoring the learners to prepare final presentation
- [More about the project](#)

11/2019 – 01/2020 – Lalitpur, Nepal

Analyst - Hudl Workstream

Cloud Factory Nepal

- Analyzing 100+ clips of American Football Game using Hudl platform.
- Tagging different moves performed by the players in the particular clips.
- Maintaining the accuracy of analysis with pre-trained models.

PROJECTS

● Attendance Project With Face Recognition

- Used OpenCV and Python Library called "Face Recognition" to detect faces
- Implemented SVM classifier for prediction
- Used this project to take attendance in my class
- [Project Link](#)

● Sales and Profit Analysis and Visualization

- Used MySQL to store and manage the database
- Created interactive sheets and dashboard using Tableau
- Created interactive Sales and Profit analysis dashboard
- [Project Link](#)

● Movie Stars Classifier

- Web Scrapped the pictures of movie stars as test data
- Used OpenCV to detect faces and created Wavelet transformed images
- Used SVM classifier for comparison and prediction
- [Project Link](#)

EDUCATION AND TRAINING

10/2015 – 09/2019 – Kathmandu, Nepal

● Bachelors in Computer Engineering

Kathmandu Engineering College, Tribhuvan University

77.31%

PAPER PRESENTED

11/2019

● Virtual Self Driving Car

A final year research project in which we designed and trained a neural network to predict vehicle's movements in CARLA simulator using only image sensors. We presented the paper in annual conference of OKRP (Office of KEC Research and Publications). [Details](#)

DIGITAL SKILLS

Python / Javascript / Django / MySQL / Tabelau / HTML / CSS / GitHub / Teaching

HOBBIES AND INTERESTS

● Photography and Videography

● Cycling

● Trekking

● Cricket