




# Jiban Chaudhary


Bachelor in computer Engineering

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4th-year Bachelor of Computer Engineering student at Advanced College of Engineering and Management (ACEM), with an excellent academic record and a keen interest in Python Development, particularly in Data Analytics, AI and Machine Learning, complemented by practical exposure in these fields.

## SKILLS

Python

C++

MySQL

Excel

Django

TensorFlow

Pandas

NumPy

Matplotlib

Excellent communication

## EXPERIENCE

### DATA SPECIALIST, Lalitpur, Nepal

Cloudfactory, December 2019- March 2021

- Data annotation and labeling
- Data management and Image processing
- Quality assurance

## PROJECTS

### Deepfake video detection using LSTM and XceptionNet

- Achieved 86.25% accuracy in detecting the deep fake videos by developing and deploying a machine learning model.
- Minimized the false positive by rigorous hyperparameter tuning process.
- Implemented data preprocessing and data augmentation for reducing overfitting.
- Implemented matplotlib to create graphs for loss and accuracy.

### AES PixelVault

- **Description:** Developed a secure encryption system that encodes AES-encrypted data into video frames using pixel manipulation for enhanced data storage and privacy.
- **Technologies:** Python, AES Encryption, OpenCV, Video Encoding.

EDUCATION

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BACHELOR IN COMPUTER ENGINEERING

Advanced college of Engineering and management, May 2021- May 2025

High school

Xavier International college, May 2018- May 2019

Kathmandu, Kalopul

GPA 3.21

LANGUAGES

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- Nepali

Native
- English

Fluent