

# Gaurab Shrestha

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## ABOUT ME

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I am a tech-enthusiast, always interested to learn and implement new ideas and technology. I am a recent graduate of Bachelor's in Computer Engineering from Paschimanchal Campus (WRC), IOE, Tribhuwan University with a keen interest on Data Analysis, Machine Learning, Computer Vision, Artificial Intelligence and Data Science.

## EDUCATION

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| <b>Bachelor in Computer Engineering</b><br>Paschimanchal Campus (WRC), IOE, Tribhuwan University | 2017 - 2022<br>Pokhara, Kaski           |
| <b>+2 Science (HSEB)</b><br>Golden Gate International College                                    | 2015 - 2017<br>Old Baneshwor, Kathmandu |
| <b>School Leaving Certificate</b><br>Jageshwar Secondary School                                  | 2014<br>Gorkha, Nepal                   |

## SKILLS

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### Programming

Python, Javascript, C, C++

### Data Analysis

Power BI, MS Excel, Python

### Web Development

NodeJs

### Machine Learning

Numpy, Pandas, Scikit-learn, Tensorflow, Keras

### Database & Data Warehouse

MySQL, Postgresql, MongoDB

### Data Scraping

Beautiful soup

## PROFESSIONAL EXPERIENCE

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### Data Analyst Intern (Visualization)

Global Shala

2022 July - 2022 July

Virtual Internship

- Learned to analyze problem, data collection, exploration, cleaning, visualization
- Learning and implementation of different data analysis tools
- Dashboard making and story telling
- Learned about communication and team work skills

## AWARDS AND ACHIEVEMENT

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### Innovative Computer Engineering Student's Society

2019 - 2022

- Co-ordination of multiple technical programs like competitive coding, trainings and mentorship programs

**Data Visualization: Empowering Business with Effective Insights from Tata and Forage**

- Framing the business scenario, choosing the right visuals, creating effective visuals and communicating insights and analysis

## **PROJECTS**

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**Music Recommendation Based On Facial Emotion Recognition**

GUI application that recommend or generate static song lists based on the user's facial emotion expression that is detected by the system.

**Facial Emotion Recognition**

Machine learning project that captures the user's face and detect the facial emotion expression like happy, sad, angry, surprise, disgust, fear, etc. in real time.

**Celebrity Image Classification**

System that detects the celebrity face.

**Virtual Dressing**

System that is an augmented reality room where user can try apparel on their body itself.

**ML Regression, Classification & Clustering Projects**

Different small projects done using machine learning regression, classification and clustering algorithms.

**Data Analysis Projects**

Different data analysis projects using python libraries like numpy, pandas, matplotlib and seaborn.

**Data Analysis Projects Using Power BI and MS Excel**

Different data analysis projects and dashboards using Power BI and Microsoft Excel.

**KillCorona**

Web app implemented using MongoDB, Express and NodeJS where users can register their names for plasma and blood donation and they can contact for plasma and blood.

**JobChaiyo.com**

CRUD web app implemented using MySQL, Express and NodeJS where users can find latest jobs.