



SANJAY KUMAR SINGH

COMPUTER SCIENCE ENGINEER

My Contact

- ✉ er.sanjayks@gmail.com
- ☎ +9779863198323
- 📍 imadol, Lalitpur, Nepal
- 🌐 www.sanjaykumarsingh.com.np

Hard Skill

- Query languages- mysql, sql
- Data mining and analysis
- Programming with Python
- Web Scrapping
- MS Office, git and github
- Power BI for visualizations

Soft Skill

- Observation
- Decision making
- Communication
- Multi-tasking
- Public Speaking
- Result oriented

Education Background

- Nepal Avalanche Academy, NEPAL
2008-2016
Completed my schooling with 3.35 GPA out of 4
- Arniko International Academy, NEPAL
2016-2018
Completed my high schooling with 3.13 GPA out of 4
- Sharda University, INDIA
2019-2023
Complete my Bachelor of Technology in Computer Science Engineering with 8.2 CGPA out of 10

Practice Projects

- Netflix Data Visualizations
- Image Classification using supervised Learning
- Ai Captions generator for images
- High School data cleaning and anlaysis

About Me

Passionate data analysis enthusiast skilled in statistical analysis, data visualization, and machine learning. Expert in extracting valuable insights from complex datasets, utilizing advanced tools and programming languages. Dedicated to staying current with evolving methodologies to drive impactful data-driven decision-making.

Professional Experience

KSW TECHNOLOGY | Data Analyst (Intern)
2023, february – Present

Key responsibilities:

- Analyze current and past academic results data
- Look at recent academic performance and past results of students, weak preforming subjects, students with good marks in average overall subjects
- Prepare reports on the above information and communicate the insights of these reports to faculty and co-ordinates
- Suggest weak points to focus and improvements based on the above information

Awards & Certifications

- Merit based Scholarship from ECDRC for High Schooling 11 & 12
- 25% Scholarship in Bachelor based on Academic Results
- Student Volunteering in ICAAAIML-2021
- Participation in GitHub Hands-on Workshop
- Participation in 5th Hackathon, Sharda University
- Published 2 Research Paper and a review paper

Academic projects

- Personality Traits Detections using handwriting
2021-2022, research paper published
using machine learning, personality traits are extracted from signature and other handwritings
- Student Grade predictions using Machine Learning
2022-2022, research paper published
Perform grade predictions using intra-university data collections of students, learn to use machine learning in data applications
- Weight Training Pose Estimations
2022-2023, review paper published, research paper on communications
Using computer vision, measure the angle for biceps and implemented for curls counter and also used Cosine Similarity for recommendations system to appropriate weight

Research Interests

Data Science Machine Learning Computer Vision
Data Analysis Data Visualization

Declaration:

I do hereby declare that the above-mentioned information is true to the best of my knowledge and belief. Further I am sure that if a chance is given to me to serve in our esteemed organizations. I will give my full efforts towards the betterment of the company.