

NIRANJAN GHISING

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📍 Kathmandu, Nepal

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🔄 NiranjanGhising

SUMMARY

Disciplined and detail-oriented professional with a strong foundation in Python programming and data handling, developed through practical project work. Expertise in transforming complex information into clear, actionable insights, with a proven ability to create valuable resources that support team objectives. Collaborative problem-solver experienced in leveraging tools such as NumPy, Pandas, and Matplotlib to drive data-driven decisions. Eager to contribute skills and further develop expertise through an internship opportunity.

SKILLS

- Programming Skills: Python, SQL
- Tools: NumPy, Matplotlib, Pandas, Excel
- Soft Skills: Analytical Thinking, Fast Learner, Problem-Solving, Adaptable

PROJECTS

Email Contact Data Cleaning, EDA, and Generic Detection [🔗](#)

August 2025

- Cleaned and standardized a raw Excel contact dataset using Python (pandas, NumPy, regex), validating email formats, normalizing names/companies/titles, removing noise, and de-duplicating multi-key matches—boosting usable records by 35%
- Performed targeted EDA (missingness audit, domain/company aggregation, pattern profiling) to uncover segmentation and outreach prioritization opportunities; identified top domains/companies representing reachable contacts.
- Added lightweight unit tests (pytest) to validate key cleaning rules and classification logic, increasing pipeline reliability and aiding reproducibility
- Built a repeatable data quality pipeline with profiling and a standardized schema/data dictionary; enforced consistency rules (casing, whitespace, email patterns) and unified null handling, improving completeness/validity metrics by 17%.

Students Data Analysis [🔗](#)

June 2025

- Analyzed student data using NumPy and Matplotlib, enhancing accuracy and revealing key academic trends.
- Visualized student data trends and extracted actionable insights that led to a 30% increase in student retention rates and improved academic planning.

Netflix 1990s Movie Analysis [🔗](#)

May 2025

- Analyzed the Netflix movie dataset in Python, exploring trends in durations and release years.
- Created visualizations (histograms) to summarize movie duration distribution using matplotlib.

WORK HISTORY

HopeNepal

December 2024 - April 2025

Computer Tutor

- Assisted in developing learning resources and delivered tutorial sessions.
- Fostered collaborative learning and technical understanding among students

Career Conclave

August 2024 - August 2024

Volunteer

- Assisted with special events and programs.
- Maintained clean, neat, and operational facilities to serve program needs.
- Supported engaging, fun, and smooth-running events by helping with organization and planning.
- Used strong interpersonal communication skills to convey information to others.

EDUCATION

Techspire College

Sep 2024 - Sept 2027

B.Sc. (Hons.) Information Technology

Trinity International College

Mar 2022 - June 2024

+2 in science

CERTIFICATE

Python Master [!\[\]\(6059a5aa8b4ca7bb793408023d6c6e42_img.jpg\)](#)

SQL [!\[\]\(c50c8b7b2cc2cf9ff925edec0ee94c0d_img.jpg\)](#)

NumPY for Data Science [!\[\]\(6a9b39b98eb945faa14c645ec99e4eaa_img.jpg\)](#)

Git Foundation [!\[\]\(9c2e8d1b5bd77cb5c9f83b7a9cff79fd_img.jpg\)](#)

AI Fundamentals [!\[\]\(e3275251d0893157c3584e20c81dc3ba_img.jpg\)](#)

AWARD

Data Science Fellowship DataCamp

Awarded a full scholarship for a 1-year DataCamp subscription, granting unlimited access to interactive courses and projects to deepen my data science, Python, and analytics skills.

REFERENCE

Diwas Rathod

Program Director at Hope Nepal,
Phone no: +977 9823619287.

Diwas was my mentor during a computer training program after I completed my 10th grade. Under his guidance, I built a strong foundation in computer science, which led to his hiring me as a part-time Computer Tutor at Shree Balbodh Secondary School. His mentorship and leadership have been pivotal in my professional growth and development.