Dipesh Poudel

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EDUCATION

Earlham College — Aug. 2018 – Dec 2021

Bachelor of Arts in Computer Science and Mathematics (Cumulative GPA: 3.86/4.0) — *Richmond, IN*

WORK EXPERIENCE

Data Manager (On-Campus) — September 2020 – Present

Joseph Moore Museum — *Richmond, IN*

- Cleaning duplicate entries on Museum's Aves and Mammals collections data.
- Pre-processing and connecting the Museum's Mammal, Bird, and Herpetology collections data to VertNet.

Teaching Assistant — August 2019 – Present

Earlham College — *Richmond, IN*

- Teaching Assistant for introductory Computer Science and Statistics courses.
  (CS 128, CS 256, CS 310, MATH 120, MATH 300)
- Helping students with 10 hours a week of tutoring sessions, and graded homework and assignments.

Undergraduate Researcher — May 2020 – June 2020

Earlham College — *Richmond, IN*

- Completed a research paper on "Role and Biasedness of Pre-Sale Estimates on South Asian Art Auctions" in collaboration with Economics Prof. Rajaram Krishnan.
- Performed exploratory data analysis on SaffronArt's auction data to accommodate the research needs.

Sustainability Data Manager (On-Campus) — October 2018 – April 2020

Center for Environmental Leadership, Earlham College — *Richmond, IN*

- Entered and analyzed Earlham College's 2018 and 2019 energy data using Excel, Python, and PostgreSQL.
- Pre-processed and visualized energy data, and embedded the Tableau dashboard in Earlham's website.
- Presented a research poster "Insights on Earlham College Energy usage in 2018" in Earlham's Epic Expo 2019.

Research Intern — January 2018 – May 2018

Biruwa Advisors — *Kathmandu, Nepal*

- Involved in data entry, translation, and report editing for PACT INC./ USAID "Sajhedari Bikas" project.
- Carried out secondary research for "Aagaman", an initiative that assist Nepalese migrants living abroad.
- Wrote a research article on "Goat meat industry in Nepal".

PROJECTS

Nepal's COVID-19 Data Automation | *Python, Pandas, Plotly, Streamlit, BeautifulSoup* — ***Project Link***

SaffronArt Data Cleaning | *Python, Pandas, BeautifulSoup, Excel* — ***Project Link***

Insights on Earlham College's Energy Usage | *Python, Psycopg, PostgreSQL, Tableau* — ***Project Link***

Earlham College CS Course Dashboard | *Tableau, Excel* — ***Project Link***

Database Design - Online Bookstore | *MySQL* — ***Project Link***

Chicago Crime Prediction Model | *Python, Pandas, Scikit-learn, Matplotlib* — ***Project Link***

OTHERS

Technical Skills: Python, SQL, Tableau, Machine Learning, NoSQL, R, Excel, Data Visualization, Exploratory Data Analysis, LaTeX, Bash, Git
Languages: Nepali (Native), English (Fluent), Hindi (Advanced)
Organization: American Statistical Association, Earlham Student Government, Earlham Hackers, TEDx Earlham, Net Impact Student Chapter
Hobbies: Chess, Table Tennis, Cricket, Hiking, EDM, Travel