ANIMESH SINGH BASNET

Programmer | Analyst | Developer

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SUMMARY

Experienced data analytics professional currently studying MSc in Artificial Intelligence with expertise in developing and implementing data-driven AI solutions for businesses. Skilled in using analytical tools and techniques to extract insights from complex datasets, and collaborating with machine learning models to drive business growth.

SKILLS

Proficient: Python, Javascript, SQL, GIT, Flask, React, Tableau, Streamlit

Familiar: DuckDB, DBT, Django, Typescript, ASP.Net, Posthog, AWS

Basic: Heroku, Wordpress, VIM / Puppet

EDUCATION

9/2023 - 9/2024
scholarship holder

MSc in Artificial Intelligence **London Metropolitan University, UK**
- Subjects: Machine Learning, Data Warehouses, Semantic Technology, Cloud Computing and IOT
- Student Ambassador, Social Media Ambassador
- Class Representative

9/2019 - 10/2022

BSc (Hons) in Computing **Islington College (awarding body London Met.), Nepal**
- Degree Result: First Class Honors (1:1)
- Subject: Advanced Database System Development, Software Engineering, Application Development
- Student Academic Representative (StAR) for 2022
- Presented a white paper i.e. "Has commercialization improved safety at Everest ?" at the ING Management Conference 2019

8/2016 - 5/2018

Cambridge International (CAIE) A Levels **GEMS Institute of Higher Education (GIHE), Nepal**
- Subject: Computer Science (A), Maths (A), Physics (B) and Chemistry
- Vice President of Science and IT club

EXPERIENCE

9/2023 – 4/2024 **Programmer** **Bhoos Games, Nepal**
- Developed web-based ReactJS games and map generation algorithms, achieving a user base of 10,000 within the first week of launch.
- Developed mobile app games utilizing the React-Native platform, focusing on cross-platform compatibility and engaging user experiences.

9/2022 – 9/2023 **Data Analyst** **Bhoos Games, Nepal**
- Analysed data from Google Analytics, Firebase, and Bigquery to create a compiled KPI dashboard and present monthly reports, resulting in a 15% improvement in user retention rate and 20% in user game flow through data-driven decisions.
- Improved existing databases of 1.5 million users through data validation and visualising/tabulating performance metrics, resulting in more efficient data management and streamlined reporting processes.

8/2022 – 9/2022 **Data Analyst (Full-time)** **Xabit Analytics, Nepal**
- Performed quality assurance on the data collected, identified inconsistencies and improved as well as maintained the company's existing algorithms for a user base of around 10k active monthly users.
- Created monthly client application overview and customer analysis with focus on customer segmentations, flow, and conversion.

4/2021 – 7/2022 **Data Analyst (Part-time)** **Xabit Analytics, Nepal**
- Designed and implemented data-driven systems and tools, including a content generation recommendation system, a platform for visualising Instagram stats, and reports containing summary statistics for decision-making by clients, which was able to gain 200
- Conducted analysis and testing on company products and relevant data warehouses to ensure smooth and efficient operations.
- Experimented with and integrated new tools and platforms, such as Django, FastAPI, Zapier, and Posthog, to optimize performance and maintain documentation for data analysis and algorithm research.

VOLUNTEERING

8/2023 – 12/2023 **Technical Assistant & Module Consultant**   **Digital Kala**
Developed an online platform to provide information about scholarships and grants in Nepal to students as well as simultaneously contributed to developing module content for digital literacy workshops in Lumbini province, engaging approximately 300 participants.

8/2022 – 9/2023 **Special Project Lead & Associate**   **Parth Student Venture**
Prepared investment proposals and due diligence memos for a student-led startup, researched trending case studies, created templates for market research and presentations, and supervised the design team to ensure timely delivery of content.

1/2023 – 4/2023 **Design Team Lead**   **Parth Student Venture**
Coordinated and supervised the design team to ensure the timely delivery of content as well as structured design flow and templates for content re usability.

8/2020 – 9/2020 **Lead Organizer / Administrator , Autumn AI**   **partnered with CodinGame**
Organised and administered a seven-day programming contest in collaboration with CodinGame, aimed at motivating Islington students to practise AI using the platform's interface. As well as,managed and motivated 451 contestants to submit their first AI in CodinGame and presented workshops for mentors.

PROJECTS

ML Model **Geo Guesser Classifier**   **Kaggle**
Utilizing DenseNet 121 and a dataset featuring around 50,000 GeoGuessr images from the GeoWorld challenge, the model achieved an impressive 80% accuracy during training and a noteworthy 60% accuracy in testing, surpassing the performance of its predecessors.

Game **Snadder**   **Snadder.io**
Snadder is a spin on the popular Snakes 'n Ladders game, combining the problem-solving ability of Sudoku and the user experience of Wordle, where users are assigned a set number of dice at the start of the game, with the goal of reaching the last tile with the fewest amount of dice possible.

Platform **Qanekt**   **Github**
Demo Platform built during a one day Quantum Hackathon, where individuals connect through their hobbies and limit the range according to the area during COVID 19. Users have the ability to provide their location for a better recommendation feature or browse through all the platform has to offer.

ACHIEVEMENTS

2024 March **Davis Peace Prize**   **Middlebury**
Awarded a $10,000 grant for a project empowering young Nepalese women in technology.

2022 December **International Student House & London Metropolitan University Scholar**   **ISH & LMU**
Secured a full-ride scholarship (worth £35K+) for a Master's Degree at London Metropolitan University, UK.

2022 December **Highest academic grade**   **Islington College (awarding body London Met.), Nepal**
Received an award for securing the highest academic grade from my graduating cohort of 750+ students.

2017 August **Bronze Duke of Edinburgh's International Award**   **Duke of Edinburgh's International Award**

CERTIFICATIONS

2023 March **Applied Data Science Specialization by IBM**   **Coursera**

2023 March **Data Analyst in SQL**   **Datacamp**

2022 October **Data Scientist in Python**   **Datacamp**

2020 October **Google IT Automation with Python Specialization, Professional Certificate**   **Coursera**

2020 August **Algorithms Specialisation by Stanford University**   **Coursera**

References available on request