PRAYUSH BHATTARAI

A Tech Enthusiast

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 prayusgit

EXPERIENCE

Microdegree™ in Artificial Intelligence ⬈
Fuse Machines

📅 Apr 2024 - Oct 2024

- Selected as one of the 250 participants nationwide for this 6-month fellowship.
- In-depth training in Data Science, MLOps, Reinforcement Lerning, Computer Vision, Natural Language Processing (NLP), Large Language Models (LLMs), Prompt Engineering and ethics in AI
- Enhanced my AI-driven problem-solving skills.

Organizer, Vertex Hacks
Thapathali Campus

📅 Sep 2022 - Jan 2023

- Organized Vertex Hacks, a 48-hour national-level hackathon hosted by I.O.E., Thapathali Campus.
- Co-ordinated 100+ participants tackling real-world challenges in tracks like Accessibility, Healthcare, and Education. Coordinated activities such as tech talks and networking sessions, fostering engagement and collaboration.
- Enhanced my organizational, teamwork, and communication skills, while promoting innovation and problem-solving.

CERTIFICATIONS

Fabric Analytics Engineer Associate ⬈
Microsoft

Google Data Analytics Professional Certificate ⬈
Google

PROJECTS

Nepali Context-Aware Spelling Tool ⬈

- A Transformer based system that solve the existing problem of the correcting contextual error in Nepali.
- Researched various Transfomer based models.
- Achieved the accuracy of 80%.

Smart Agriculture for Growth and Efficiency ⬈

- A Smart Agricultural Assistance System.
- Includes crop recommendation, plant health monitoring, and disease detection models
- Researched various ML models
- Achieved the accuracy of 96%.

AI Based Bone Age Prediction ⬈

- A a CNN-based model to predict bone age from X-ray images.
- Uses deep learning techniques for medical imaging analysis.
- Got R2 score of 92%.

LIFE PHILOSOPHY

"I believe in pursuing excellence, trusting that success will naturally follow."

SKILLS

Soft Skills

Communication   Research   Analytics
Structured and Technical Thinking

Programming

SQL   JavaScript   Python   C++
R Programming   PyTorch   Tensorflow
Node.js   Next.js   Django   MongoDB

Technologies

LaTeX   Blockchain   Micorsoft Fabric
AI/Machine Learning   Big Data
Web Development   Mobile App Development

EDUCATION

Bachelor's in Computer Engineering
Thapathali Campus

📅 2021 – Ongoing   📍 Kathmandu, Nepal

+2 Science
Arniko College

📅 2019 – 2020   📍 Biratnagar, Nepal

Secondary Education
SOS Hermann Gmenier Higher Secondary School

📅 2018   📍 Itahari, Nepal

HOBBIES

- Learning New Programming Tools
- Reading Books
- Traveling
- Music

LANGUAGES

Nepali   Native
English   Fluent
Hindi   Fluent