

Anish Dahal

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MACHINE LEARNING ENGINEER

I'm a skilled machine learning engineer with expertise in **Python, machine learning, and deep learning**. I'm proficient in **scikit-learn, PyTorch, TensorFlow, and Keras**, and experienced in **exploratory data analysis**. I am a motivated team player, dedicated to achieving perfection through hard work.

TECHNICAL SKILLS

Languages	: Python, C, and C++
Libraries	: Pytorch, Tensorflow, scikit-learn, Numpy, Pandas, SciPy, Matplotlib, etc.
Databases	: PostgreSQL, MySQL
Version Control	: Git, GitHub, Gitlab
Documentation	: Notion, Markdowns
Development	: Visual Studio Code, Jupyter Notebook, and Pycharm
Skills	: Data Visualization, EDA, Creating and Training Custom Models

EXPERIENCE

AI/ML Intern/Trainee <i>TAI Inc.</i>	Dec 2022 – Mar 2023 <i>Kathmandu, Nepal</i>
<ul style="list-style-type: none">Implemented ML concepts like regression and classification from scratch.Created a Retrieval Based Chatbot using concept of NLPCreate a simple model that predicted the direction where the user is looking using computer vision and perform Gaze Angle Prediction	

EDUCATION

Tribhuvan University <i>Bachelor of Electronics and Communication Engineering</i>	Kathmandu, Nepal 2017-2022
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PROJECTS

Data-Driven Approach in Isolating Vocals and Instruments from Music	<i>Pytorch, Librosa, Git</i>	Source Code
<ul style="list-style-type: none">This was a year-long project where we used two methods: the Signal processing approach and the Machine Learning approach. Python Programming Language was used for completing this project.		
Dynamic Maze Solving Using D*-Lite and Dead-End Exclusion Algorithm	<i>C++, Webots</i>	Source Code
<ul style="list-style-type: none">This was a group project of 4 people. We incorporated bot and maze design in the Webots application and C++ programming language was used for implementing two algorithms, one for maze exploring and one for maze solving.		
StrickFall	<i>C, C++, OpenGL</i>	Source Code
<ul style="list-style-type: none">This is a 3D game made using C and C++ language which features a basic AI.		

CERTIFICATIONS

- [Deep Learning Specialization](#)
- [Machine Learning with Python](#)
- [Applied Data Science Lab](#)
- [Deep Neural Networks with PyTorch](#)
- [Data Visualization with Tableau Specialization](#)
- [Databases for Data Scientists Specialization](#)
- [Data Analysis with Python](#)

REFERENCES

Shailesh Adhikari *ML Engineer at TAI Inc.* **Contact:** +9779846210624

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