Aavash Dahal

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Projects

- Face detection and classification
- Automated PDF Q/A chatbot with LLM and LangChain.
- Attendance Management System
- PCA, Linear regression etc.

Technical Skills

- Python,C++,C#,PyTorch, Software Development , Applied Mathematics

Soft Skills

- Teamwork , Leadership, Creative, Problem-Solving , Event management

Certificates

- Python 101 for Data Science - Cognitive class - 2023
- Neural Networks and Deep Learning - Coursera - 2023
- Data Analysis With Python -Cognitive class - 2023

Languages

- Deutsch – A1.1
- English – C1

Volunteer

- Logistics Team, KUCC, 2023
- Tree Plantation , 2024
- Technical Support , Mathematical society, 2021

Profile

Currently doing my Masters in Data Science and Artificial Intelligence form Saarland university.I am Interested in contributing to impactful research in machine learning and data-driven systems. Skilled in analytical thinking, independent work, and technical communication.

Professional Experience

Software Engineer, Ridgehead Inc.
07/2023 – 02/2025

- Developed, tested, debugged and documented software programs using C# , JavaScript and HTML and CSS.
- Built responsive and user-friendly frontend I interfaces using modern web technologies
- Designed and implemented scalable backend services and APIs to support CRM functionalities

Artificial Intelligence Intern, Wiseyak
04/2023 – 06/2023

- Implemented various machine learning and deep learning techniques for real-world applications.
- Conducted in-depth research about a new framework called Langchain and implemented it

Education

04/2025 - Present
M.Sc. Data Science and Artificial Intelligence
Saarbrücken University

Related Coursework- Machine learning, Optimisation , Computer Vision

08/2018 - 06/2023
B.Sc. Computational Mathematics
Kathmandu University, Nepal

Related Coursework - Analysis I and II ,Linear algebra, Machine learning , Statistics, Calculus , Differential Equations etc.