

ADITYA GUPTA

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CAREER OBJECTIVE

A result – oriented engineer who is seeking to work as lead software engineer and highly motivated to research and work in areas like NLP, LLMs, Computer Vision and Neural Network.

PROFESSIONAL EXPERIENCE

Machine Learning Research Intern
University of West London

2024 – present

- Pioneered text-to-image generation using stable diffusion techniques.
- Participated in data collection, preprocessing and analysis using Python, PyTorch or other relevant tools.
- Contributed to writing research papers and reports

Education

B.Tech. [CSE-AI]

Parul University 8.52 CGPA

2021 – pursuing | Vadodra, Gujarat

Higher Secondary

United Alpha Sr. Sec. School xii – 88%

2020–2021 | Nimach, Madhya Pradesh

Senior Secondary

United Alphan Sr. Sec. School x – 87.6%%

2018–2019 | Nimach, Madhya Pradesh

COURSES and CERTIFICATES

NPTEL– Software Engineering [ELITE]

IIT-Kharagpur

2023

DeeplearnigAI – Machine Learning Specialization

Coursera

2023

UDEMY – The complete python developer

2023

MICROSOFT– Built a natural language processing solution with azure AI language

2024

PROJECTS

Tuberculosis–Detector 2023

2023 – present

- Using the PyTorch Deep Learning Framework Designed to improve safety of Drivers.
- Convolutional neural networks (CNNs) to capture intricate patterns in chest X-ray images.
- Optimized model hyperparameters for accurate tuberculosis identification

HARD SKILLS

Python

Machine Learning

Deep Learning

Java

C++

HTML

CSS

SOFT SKILLS

Problem Solving

Leadership

Team Work

Decision Making

Adaptability

Languages SKILLS

English

Hindi