

DIVYANSH AGARWAL

Brooklyn, NY

+1 929 545 4512 ✉ divyansh.agarwal@nyu.edu ✎ ✎ ✎ ✎

EDUCATION

Master of Science in Computer Science

New York University, Tandon School of Engineering

May 2025

Coursework: Computer Vision, AI for Games, ML, DL, Big Data, Blockchain, Cloud Computing

Grade: 3.76/4

B.Tech Computer Science and Engineering and Business Systems

VIT University, Vellore

July 2023

Coursework: Computational Statistics, Data Science and Statistical Modelling, Deep Learning, Business

Grade: 8.4/10

SKILLS

Technical Skills

Machine & Deep Learning, HPC, Data Analysis & Visualization, Computer Vision

Programming Languages

Python, SQL, PyTorch/Tensorflow, Google/Adobe Analytics, Excel, R, AWS, JIRA

EXPERIENCE

Research Assistant

October 2024

Neuroinformatics Lab

New York University, New York

- Reached 92% F1 Score on event detection for neural voltage data of various subjects. Prioritization of differentiating noise and fast/slow event.
- Handling large noisy novel datasets and complex computation for event detection system for neural spike activity.

Data Analyst

February 2023 - July 2023

Adeptmind

(Remote) Toronto, Canada

- Delivered growth from 10K to 80K landing pages, with monthly traffic increment of 20%.
- Created content for all the pages using LLMs and prompt engineering, which increased average traffic per page.
- Reported for 19 clients using Analytical tools and monitored SEO performance to improve search ranks.
- Created a dashboard using Streamlit library for all the internal stakeholders.

Computer Vision Intern

November 2022 - February 2023

Enord

New Delhi, India

- Developed lightweight Depth Estimation models using stereo cameras and PyTorch/CUDA, optimized for deployment on embedded systems like drones.

Head Of Autonomous Department

September 2020 - February 2022

Student Team OJAS

VIT Vellore, India

- Achieved First time qualifiers from India in Formula Student Hungary as the department head.
- Managed multiple projects simultaneously, e.g. Perception, Planning, and Control.
- Focused on the YOLO family of algorithms for object detection and generated 92% accuracy.

PROJECTS

International Trade Statistics Testing and producing various network data visualization for analysis of trade data like Network Radial Map, Geo-Spatial Map and Matrix Map. [Code Repository](#).

In-Context Learning with LLMs to Pokemon Showdown to test meta-learning of LLM and play Pokemon Showdown based on different contextual learnings.

CERTIFICATIONS

Professional IBM Data Science Certificate of 9 Courses including a Capstone project. Analysis of various formats of data and visualization of the same. [Link To Certificate](#) [Link To Certification in R Lang](#)

PUBLICATIONS

Forecasting Geo Location of COVID-19 Herd Used models like ARIMA, LSTM and Prophet(Meta).