



Shivam Aggarwal

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OBJECTIVE

I am looking for opportunities in the area of Machine learning and Deep learning. I have strong motivation to work in this area.

WORK EXPERIENCE

Defense Research and
Development Organization
(DRDO)

May 2019 — June 2019

Research Intern

- During the internship, I worked in a team of 5 people, where we implemented YOLO v3 model for object detection.
- Conducted a Literature survey on Object Detection.
- Prepared and Annotated the whole dataset for the model.

PROJECTS

- **Hindi to English Neural Machine Translation:** Currently I am working on this project in course CS779 Statistical Natural Language Processing. Aim of the project is to develop a Neural Machine Translation model to translate Hindi to English sentences.
- **Target Detection and Dataset Development:** It was implemented during the internship at DRDO. Implemented a YOLO v3 model for object detection. Prepared and annotated the dataset for the model.
- **Zomato Restaurant Ratings Prediction:** It was implemented during the DataHulk competition organized by IIIT Kota. Created a model to predict rating of a given restaurant based on some parameters. Model achieved 2nd position in the competition.

EDUCATION

M.Tech in Computer Science and
Engineering

August 2020 — May 2022

Indian Institute of Technology, Kanpur

B.Tech in Computer Science and
Engineering

July 2016 — May 2020

National Institute of Technology, Uttarakhand

Completed the B.Tech in Computer Science and Engineering with CGPA 8.3/10.

SKILLS

- **Programming Languages:** Python, C++
- **OS:** Windows, Linux
- **ML Libraries:** NumPy, Pandas, Seaborn, Pytorch
- Have basic knowledge about Basic ML, Computer Vision, Natural Language Processing

INTERESTS

- I like to travel to new places and explore.
- I love to watch and analyse cricket in free time.