

# AYUSH GARG

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## OBJECTIVE

Aspiring Data Scientist having experience working with various Machine Learning Algorithms, Deep Learning models, Neural Networks, Natural Language Processing and much more. Looking forward to work in an organization that would give me chance to utilize my exceptional research and programming skills gained through various trainings and projects.

## PROJECTS

- **Voice Assistant using Python**  
Developed a virtual voice assistant that responds to user's voice commands
- **Digit Recognizer**  
Built a program that can recognize hand-written digits and prints the recognized digit in digital form
- **Developed python package for TOPSIS approach**  
A python package to implement the Technique for Order of Preference by Similarity to Ideal Solution and has been uploaded [here](#)
- **YOLO object detection**  
Implemented an object detection algorithm, You Only Look Once, that detects the objects in real-time
- **Face Recognition**  
Developed a face recognition algorithm, using computer vision that can recognize the face in real-time
- **Lane Detection for self-driving cars**  
Implemented an algorithm that detects lanes on roads

## HACKATHONS

- Good Friday Gifts-HackerEarth (Machine Learning)
- Effectiveness of STD drugs-HackerEarth (NLP-based)
- Flipr Hackathon 4.0 (Machine Learning Task)

## EDUCATION

### BACHELOR OF ENGINEERING

July 2017-2021

Thapar Institute of Engineering and Technology, Patiala

- Major: Computer Engineering
- CGPA: 8.94/10 (After 5 semesters)

## WORK EXPERIENCE

### TECHNICAL CONTENT WRITER

July 2019-August 2019

Innovians Technologies

Worked as a content writer and wrote amazing articles related to Machine Learning, Deep Learning, Data Science, Data Analysis, Statistics, programming etc. that helped me in advancing my knowledge in these fields

### WEB SCRAPING

May 2019-June 2019

CIRCLES

Here, I was a part of web development team and developed web scraping tools for multiple travel websites

## SKILLS

Python, C++, C  
Machine Learning  
Data Science  
Data Analysis  
Statistics  
Deep Learning  
Tensorflow  
GitHub  
PostgreSQL  
Django

## COURSES

- Deep Learning Specialization – Coursera (Deep Learning, Building Neural Networks, Optimization of NNs, Hyper-parameters, Sequence Models, Natural Language Processing etc.)
- Machine Learning by Andrew Ng – Coursera (Supervised, Un-Supervised Learning, Logistic, Linear, Multi-linear Regression models)
- Artificial Intelligence Workshop – Technophilia Solutions (Computer Vision, Face-Recognition Algorithm)