GAURAV ARORA







SOCIAL MEDIA



in linkedin.com/in/techedgaurav



medium.com/@garora039



github.com/techedgaurav

PROFILE

Inquisitive, energetic computer science specialist, with a strong foundation in maths, programming logic, and algorithms. Passionate about Data science and love to explore the applications of Machine Learning in daily life. Good exposure to C++ and Python.

EDUCATION

08.2017 - present

Maharaja Surajmal Institute of Technology

Computer Science Engineering

CGPA - 9.47

EXPERIENCE

06.2018 - 07.2018

Coding Elements

Student Assistant

I have done a course on python for data science from Coding Elements where I also worked as a student assistant. Here I learned the basics of python and Data Science. During this period I also applied my knowledge of Machine Learning on the various data sets available on Kaggle.

06.2019 - 07.2019

Applied AI

Industrial training

The training was divided into 5 categories

- 1) Mathematics(Lineare algebra, probability and statistics)
- 2) Exploratory Data Analysis (EDA)
- 3) Machine Learning
- 4) Deep Learning algorithms
- 5) SQL

Learned the maths and intuition behind various machine learning approaches and how to deal with data effectively.

06.2019 - 07.2019

Delhi Technological University (DTU)

Summer Research Intern

Worked on improving the performance of machine learning algorithms on imbalanced

dataset.

07.2019 - 09.2019

AITS (AI Tech Systems)

Machine Learning Intern (Virtual Internship)

Worked on the project - " House prediction using neural networks".

PUBLICATIONS

CERTIFICATIONS

Long Short Term Memory network for recognition of daily human activity publication description - EAI (February 2020)

 This research paper proposed a neural network architecture based on LSTM for the recognition of daily human activity. • Tableau Desktop Specialist



SOFTWARE SKILLS

Algorithms Data Structures

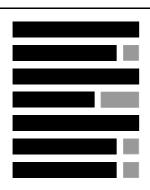
C++

Python

C

SQL

Tableau



PROJECTS

Human Activity Recognition

• Based on the data recorded by gyroscope and accelerometer we have to predict the movement of the person, whether he is standing, walking, laying, walking upwards, walking downwards or sitting.

Salary Prediction-

• In this project, salaries are being predicted in an office of different levels and hierarchy in a corporate.

AI Chatbot and IVR System -

• In this project, I worked on creating an AI-powered chatbot using open source platform RASA, Dialogflow for PGI, Chandigarh website which could be integrated with Facebook, Twitter and Slack

SKILLS

- **✓** Good verbal and written communication skills
- ✓ Excellent conceptual and analytical skills
- ✓ Effective interpersonal, communication and relationshipbuilding skills

INDEPENEDENT COURSEWORK

- Machine Learning and Deep Learning Specialization - Stanford University (Coursera)
- Data Visualization with Tableau Specialization UC DAVIS (Coursera)

HOBBY





Volleyball



