

MUKUL KUMAR

Undergraduate student at IIIT Delhi, pursuing an innovative course in the intersection of Computer Science and Social Sciences. Interested in research and solving social problems with the help of technology.

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🔗 <https://github.com/mukulkumar22>

EXPERIENCE

Summer Intern

Trivedi Centre for Political Data, Ashoka University

📅 June 2019 – July 2019

📍 Haryana, India

Guide: Mohit Kumar (Data Science and GIS Engineer, TCPD)

- Worked on extracting data from elections documents, cleaning them to create a dataset of legislators.
- Built a summarizer to obtain summary of election judgements

EDUCATION

B.Tech, Computer Science and Social Sciences

IIIT Delhi

📅 July 2017 – May 2021 (expected)

CGPA : 8.08 (after 5th semester)

Senior Secondary Education (Class XII)

Rajkiya Pratibha Vikas Vidyalaya, Sector 10 Dwarka, New Delhi

📅 June 2015 – May 2016

Percentage: 95.00%

SKILLS

Data Analysis, Machine Learning

Python, R, Java

SQL, Linux, Numpy, Pandas, Pytorch



RELEVANT COURSES

- Deep Learning
- Machine Learning
- Natural Language Processing
- Research Methods in Social Sciences
- Neural Networks and Deep Learning (Coursera)
- Econometrics

PROJECTS

Twitter Archive and Analysis Platform

Guide : Prof. Ralph Schroeder, University of Oxford, Oxford Internet Institute

Developed a tool/website to scrape/filter/analyse and compare tweets of biggest political leaders of India for the analysis of 2019 General Elections of India.

Understanding Clouds from satellite images

Guide: Jainendra Shukla, IIIT Delhi

Detection of cloud patterns using Deep learning. We used U-net with Resnet-34 and MaskRCNN to segment various shapes of clouds which could further help researchers to understand climate change.

TOLL FRAME

Guide: Aman Parnami, IIIT Delhi

An Automatic Toll Collection System based on OpenCV and Machine Learning accompanied with an android app for user profiles created as the final project for the course Introduction to Engineering Design

HONORS & AWARDS

- Awarded 1 Lakh scholarship by Ministry of HRD, Govt of India for being in top 200 rankers in CBSE.
- Indira Award by Govt. of NCT of Delhi for scoring perfect score in secondary examinations.

VOLUNTEER EXP.

Teaching Assistant Summer Camp, IIIT Delhi

May 2018 – June 2018

Taught General Knowledge and held career counselling sessions for the students of govt. schools from villages nearby IIIT Delhi.