



Ritika Saxena

Computer Science and Engineering

Shri Shankaracharya Technical Campus, Bhilai

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UG Pre-Final Year(5th – sem) (B.E)

DOB: 10/03/2000

Contact No: 9300936519

Examination	University	Institute	Year	CPI
Graduation	CSVTU, Bhilai	SSTC, Bhilai	2019	7.9
Intermediate +2	CBSE, New Delhi	BSP SSS-X, Bhilai	2018	73%
Intermediate	CBSE, New Delhi	BSP SSS-X, Bhilai	2016	8.6

KEY PROJECTS

ADTrap

May 2020- July 2020

Major Project | Co-creator: Kshitij Soni (kshitijsoni@iipe.ac.in)

- Our primary intent is to explore the extent to which ADR assertive text segments can be classified from text based data sources, particularly social media sources and structured datasets. The following list summarizes our intents:
 - (i) Investigation of different Neural Network (NN) architectures for ADR classification.
 - (ii) Exploration of NLP techniques to extract informative and portable features from text coming from distinct sources.
 - (iii) Investigate the performance of supervised classification approaches on data from social media to data from other more structured and unstructured sources.
 - (iv) Optimize machine learning and deep learning algorithms to improve performance over existing approaches.

POSITIONS OF RESPONSIBILITY

Summer Intern

MAY 2020- JULY 2020

IIT Kanpur

3 months

- Worked with Prof. Laxmidhar Behera and Prof. Vipul Arora
- Learnt and applied machine learning and data science concepts in real world environments
- Made a project : ADTrap- Adverse Drug Reaction Classification using NLP tools and Deep Learning Methods
- Specialized in using Keras, TensorFlow 2.0 for reinforcement learning

FEATURED SKILLS

Programming Languages

C, C++, Python, R

Web Development	HTML/CSS, PHP, Javascript
Software	TensorFlow, Keras, Ubuntu, UNIX, Microsoft Visual Code, Android Studio , SQL, Kaggle
Industry Knowledge	Blogging, Team leadership, Vision
Other skills	Applied Mathematics, Applied Physics, Applied Chemistry
Platforms	Hadoop, LINUX

VOLUNTEERING & EXTRACURRICULARS

- Student Associate at Indian Research Journal on Advanced Technologies
- Member at National Service Scheme – Shri Shankaracharya Technical Campus, Bhilai