

About Me



Ritwik Lal

A 3rd year student at Amrita School of engineering, Bengaluru, highly interested in Data Science, Machine Learning and Deep learning.

Education

Ryan International School, Kundanahalli, Bengaluru.

2006 - 2016

Passed 10th grade ICSE/matriculation with 95%.

National Public School HSR Layout, Bengaluru.

2016-2018

High School Diploma, 94%

Studying at Amrita School of Engineering, Bengaluru.

2018-2022

Currently in third year, CGPA of 8.54/10

Work

1) Blogs:

- a) https://medium.com/face-amrita-bangalore/artificial-intelligence-machine-learning-and-deep-learning-178294444799?source=friends_link&sk=942c59a64cc31bfc5b40d8

Co-Curriculars and Activities.

1. Joint Secretary at FACE for 2020-21
2. Organizing Team Lead SLAC 2020 with AYKYA and Honeywell Hack 2021
3. Content Writer at FACE - college coding club.
4. Joint Secretary of the ACM student chapter at college for 2019-20
5. Python and Data science enthusiast.
6. Attended the ICIC conference in 2019 based on Data Science with R.
7. Participated in inter college hackathon- Stay Late and Code (SLAC)2019.
8. Participated in a robotics workshop conducted by the college robotics club.
9. Participated in electronica - 24 hour competition cum workshop in electronics and robotics.
10. Participated in a workshop on - getting started with Machine Learning on Google cloud platform.
11. Participated and performed (Guitar and Singing) at Kalakriti 2018 (Fresher's fest).

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- b) https://medium.com/@ritwiklal2000/uttarakhand-diaries-badrinath-the-stop-before-the-road-to-heaven-8209153601ed?source=friends_link&sk=4bd1d0d355aae214ab9d9a7e818a0700

- 2) Public Profile and Academia related work :
- a) <https://github.com/Lal47>
- b) <https://www.linkedin.com/in/ritwik-lal-0ba351166/>
- 3) Smart India Hackathon-2020 finalist.
- a) Top 5 teams across India for SIH finals.
- b) Special mention from the panel.

Projects

- 1) Worked on a simple **Recipe Recommendation System** using **DBMS** techniques. Implemented it using **php** and SQL database.
- 2) Worked on an **Image Processing Project** as a part of a course, involving image manipulation and feature extraction using **pytesseract** and **pillow** python libraries.
- 3) Currently working on an **online Proctoring system** based on **Python libraries** and **deep learning** frameworks.
- 4) Currently working on a **spoken digit recognition** system based on **neural networks** and python library-based functionalities.
- 5) Currently working on a TCS based use case which deals with a **cab hiring application** functionality.
- 6) Worked on a data analytics project as a part of **Smart India Hackathon**. Analyzed and implemented various data wrangling techniques and ML models (Random forest and ARIMA) for predictive functionalities.

Certifications

- 1) NLP with Tensorflow
- 2) Pillow, Tesseract and OpenCV basics.
- 3) Machine Learning A-Z with Python and R.
- 4) Microsoft (MTA) Certification in Python and ML.

Languages

- 1) English – Working Proficiency.
- 2) Hindi – Working Proficiency.
- 3) French – Elementary Proficiency.

Skills

1) LANGUAGES KNOWN

- a) Python.
- b) R.
- c) Java.
- d) C++.

2) APPLICATION SOFTWARES

- a) Eclipse.
- b) Anaconda.
- c) Pycharm.

3) MISCELLANEOUS

- a) Data Structures and Algorithms.
- b) Deep learning with Keras and Tensorflow.
- c) Data Science and ML.

4) SOFTSKILLS

- a) Leadership.
- b) Team Player.
- c) Extrovert and Speaker.
- d) Guitarist (Beginner)

