

ARYAN ROY

Room -218A, XIX Block M.I.T Hostels, Manipal-576104 · 7903550416
aryanroy5678@gmail.com

Computer Science student and enthusiast. Capable of working hard and committed to life-long learning. Especially interested in the field of Artificial Intelligence and Machine Learning and the application of other such intelligent solutions to the real-life problems.

EXPERIENCE

24/10/19 – NOW

AUTHOR, TECHQUILA

Work requires research about recent developments in the field of science and frequent content creation to be put up on the website under the Science section.

05/02/20 – NOW

MEMBER, PROJECT MANAS

Work involves application of AI and Machine Learning to solve problems related to the functioning of autonomous vehicles such as Self-driving Car and Autonomous Drone
Subdivision: AI, Perception

EDUCATION

MAY 2019

AISSE, ST. MICHAEL'S HIGH SCHOOL

Graduated high school with 85.6% marks.

July 2023

B. TECH, MANIPAL INSTITUTE OF TECHNOLOGY

Computer and Communication Engineering
8.05 GPA

SKILLS

- PYTHON
- C++
- Java
- C
- MACHINE LEARNING
- DEEP LEARNING

PROJECTS

- Built a deep Neural Network using Tensorflow and Keras to analyze the sentiment of movie reviews in the IMDB dataset. Achieved a respectable accuracy of 0.872 as compared to the State of The Art for similar models. [[GitHub](#)]
- Worked on autonomous drone to accurately Geo-Tag objects after they have been identified. Also worked on path estimation for the drone path and coverage planner utilizing the output coordinates from the planner to accurately estimate the length of the path that must be traversed.

LINKS

- [GitHub](#)
- [Articles](#)
- [LinkedIn](#)