Vikas Magar

http://www.aivikas.github.io

Email : 205218023@nitt.edu

Mobile : +91-8482838629

EDUCATION

- **National Institute of Technology, Trichy** — Tamil Nadu, India
  Master in Technology in Data Analytics; GPA: 8.8 — *Aug. 2018 – Jun. 2020*

- **GHR College of Engineering, Nagpur** — Maharashtra, India
  Bachelor of Engineering in Computer Science and Engineering; GPA: 7.67 — *Aug. 2012 – July. 2016*

EXPERIENCE

- **The Boeing** — Bangalore, India
  Software Engineer — *May 2019 - Jul 2019*
    - **FIT**: FPX integration with TAAM, I was responsible for integrating FPX and TAAM system to optimize the flight path dynamically.
    - **Reinforcement learning**: Machine learning technique used for optimization.

- **GHR Labs** — Maharashtra, India
  Research — *Nov 2015 - May 2016*
    - **Data Centralization**: The project was to centralize all the departments of gov of India to reduce the redundancy and improve ease of use.

PROJECTS

- **Covid'19: Social Distancing and Drones** — Dec 2019 - Jun 2020

    - : To reduce the spread of covid'19 we are using autonomous drones and deep learning.
    - : deep learning identify the social distancing in public places and drones will help to control it.

- **Autonomous Flying Drone** — Sep 2019 - Dec 2020

    - : In this project I have build a drone using reinforcement learning. It has capability to fly autonomously for general purpose.
    - : For this project I have used PlutoX drone.

- **Data Centralization** — Sep 2015 - Feb 2016

    - : The project was to centralize all the departments of gov to reduce the duplication and improve ease of use.

SOFTWARE SKILL SET

- **Languages**: Python (Pytorch)
- **Operating System** : Arch, Debian, Red Hat, Windows, Mac OS.
- **Technologies**: Hadoop, Apache Spark, AWS, Azure.

COURSE WORK

- Statistics

- Deep Learning

- Reinforcement learning

- Video Analysis

- Big Data(Hadoop, Apache Spark)

ACADEMIC ACHIEVEMENTS

- **National Award** : e-governance project (Data Centralization).