

# Installation Instructions

The environment that I have my project working on has below softwares and installation steps:

- Native Ubuntu 20.04
- Python 3.8.10
- Python Virtual Environment (not required to run the program, I used it to segregate my Python environments)
- ROS2 Foxy (<https://docs.ros.org/en/foxy/Installation.html>)
- Opencv
  - `sudo apt update`
  - `sudo apt install python3-opencv`
- Numpy
  - `sudo apt install python3-numpy`
- djitellopy
  - `pip install djitellopy`
  - <https://github.com/damiafuentes/DJITelloPy>
- Retain 'haarcascade\_frontalface\_default.xml' where it is in the repo. If changing the location please provide the absolute path of it within 'opencv\_node.py' for 'faceCascade' variable