**ESP32 Algorithm**

1. Open the Arduino IDE. Make sure that you are at version 1.8 or higher, if not then update your IDE with the latest version.
2. Click on the *File* menu on the top menu bar.
3. Click on the *Preferences* menu item. This will open a Preferences dialog box.
4. You should be on the *Settings* tab in the Preferences dialog box by default.
5. Look for the textbox labeled “*Additional Boards Manager URLs*”.
6. If there is already text in this box add a coma at the end of it, then follow the next step.
7. Paste the following link into the text box – *https://raw.githubusercontent.com/espressif/arduino-esp32/gh-pages/package\_esp32\_index.json*
8. Click the OK button to save the setting.

Reference:

https://dronebotworkshop.com/esp32-intro/