How to Set Up the Arduino Environment for the ESP32-S3

1. Open the Arduino IDE
   a. [Download the software](#) if you do not have it already.
2. Install the ESP32 Boards to the Board Manager
   a. Go to File → Preferences
   b. Paste the following link in the "Additional Boards Manager URLs" textspace: https://dl.espressif.com/dl/package_esp32_index.json
   c. Select OK
   d. Go to Tools → Board → Board Manager
   e. Type ESP32
   f. Install the ESP32 Library
3. Set your Board to "ESP32S3 Dev Module"
   a. Go to Tools → Board → "ESP32S3 Dev Module"
4. Install the BNO08x Libraries
   a. Go to Sketch → Include Library → Manage Libraries
   b. Search for "bno08x"
   c. Install the "Adafruit BNO08x" Library