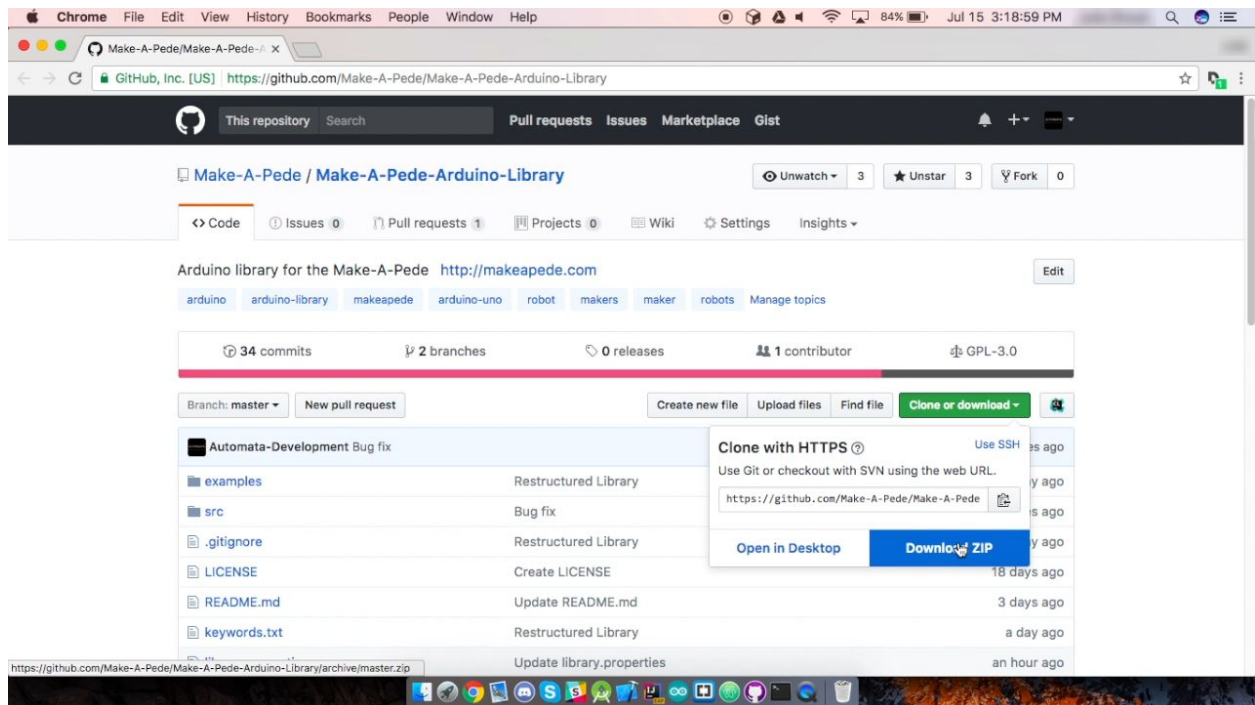


Installing Make-A-Pede Library and Loading the Remote Control Program

Step 1: Download the library from the Github repository (<https://github.com/Make-A-Pede/Make-A-Pede-Arduino-Library>) by clicking Clone or Download → Download ZIP.

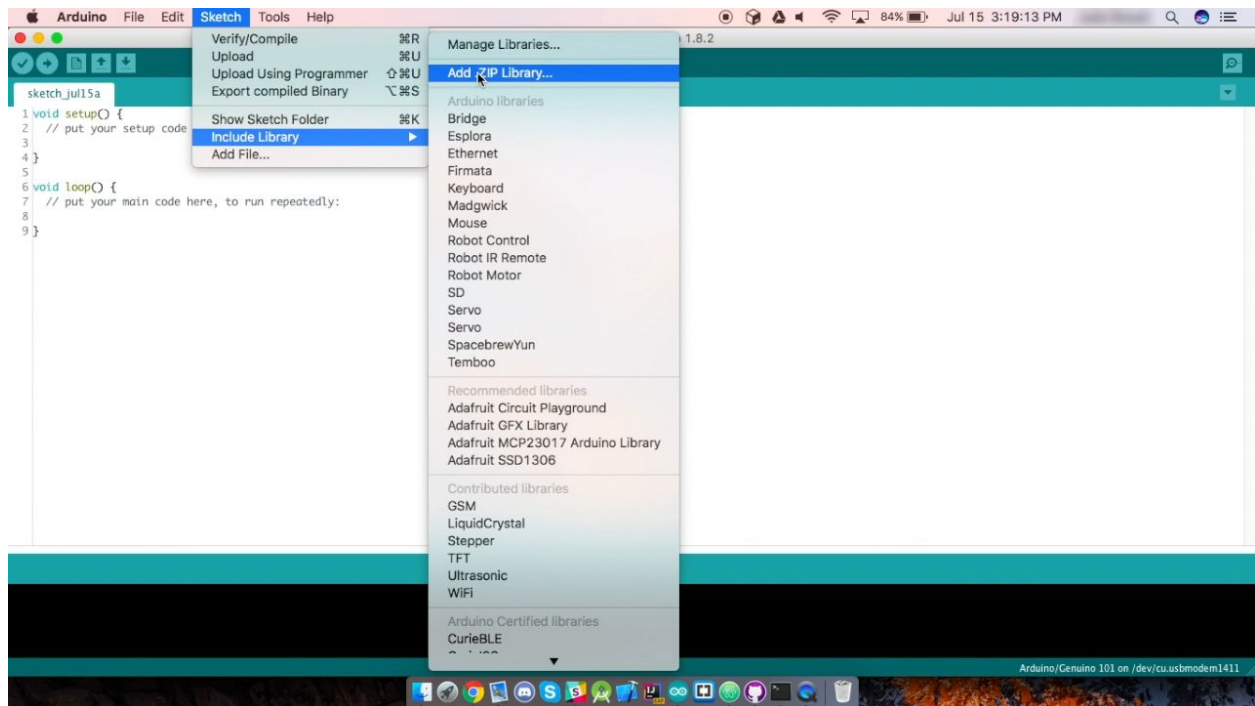


Step 2: Install and open the Arduino IDE. Add the library by clicking Sketch → Include Library → Add .ZIP library and selecting the .ZIP file downloaded in step 1.

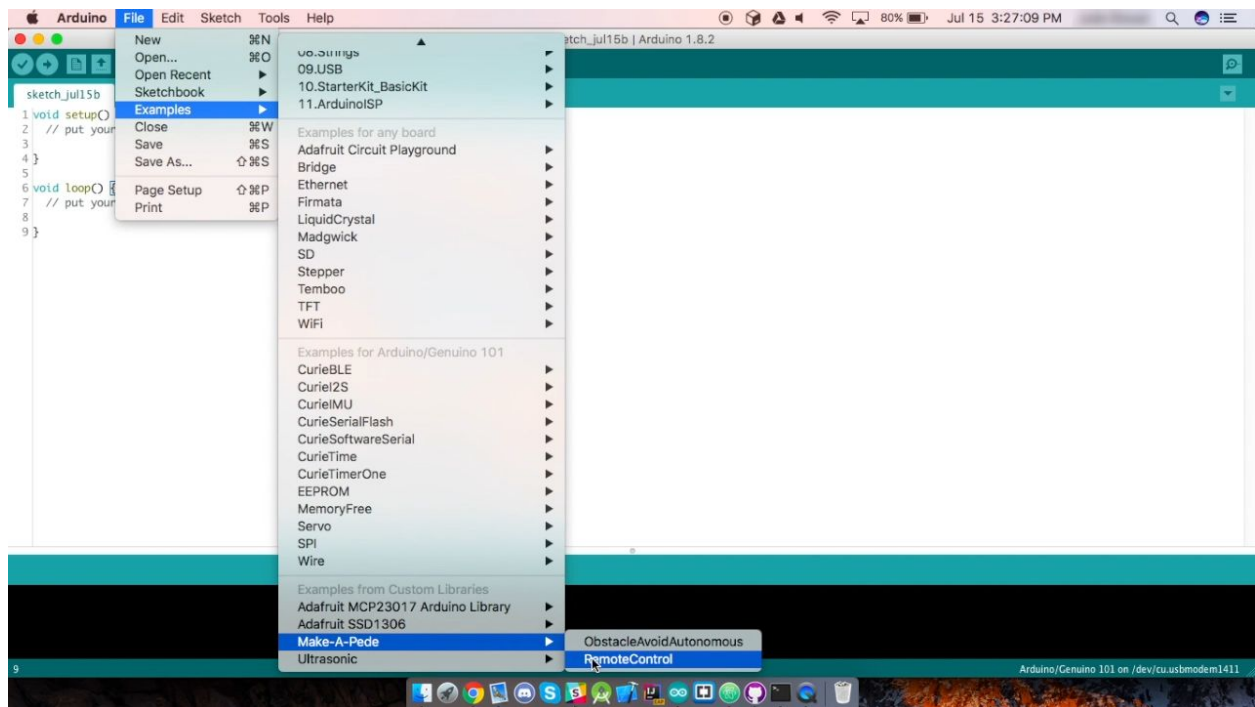
Arduino IDE Installation Instructions:

<https://www.arduino.cc/en/Guide/Windows>

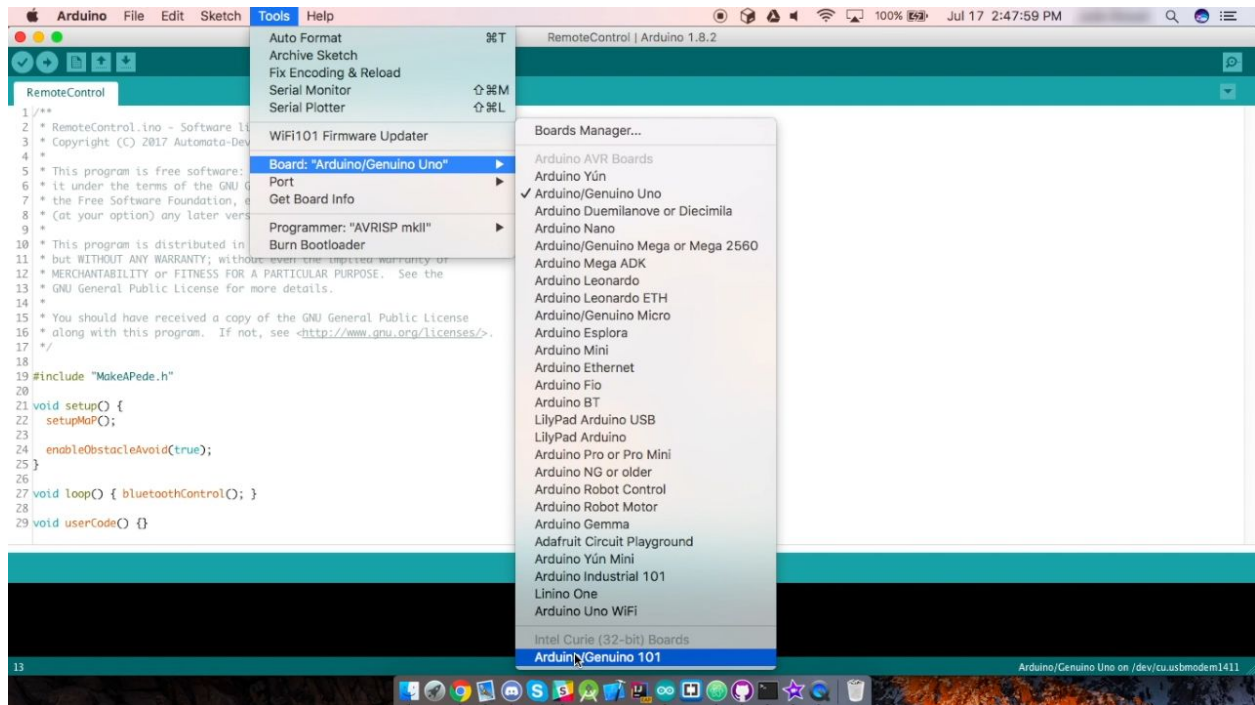
<https://www.arduino.cc/en/Guide/MacOSX>



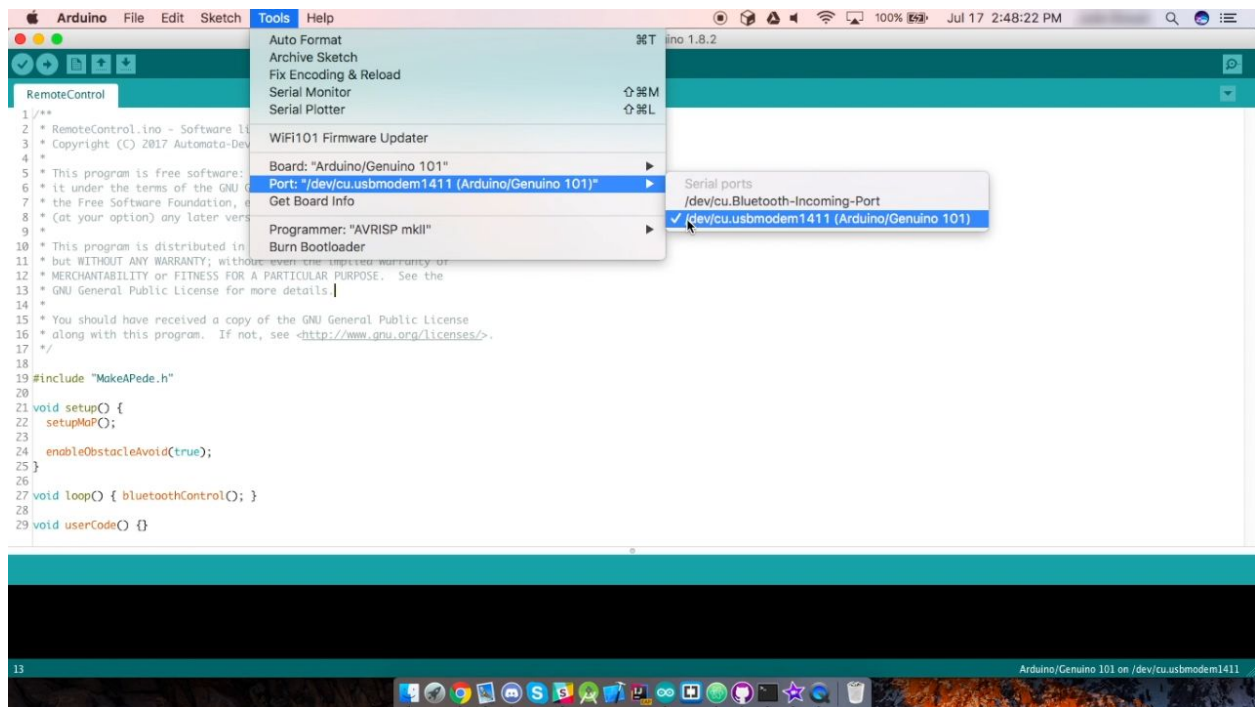
Step 3: Open the RemoteControl example program by clicking File → Examples → Make-A-Pede → RemoteControl.



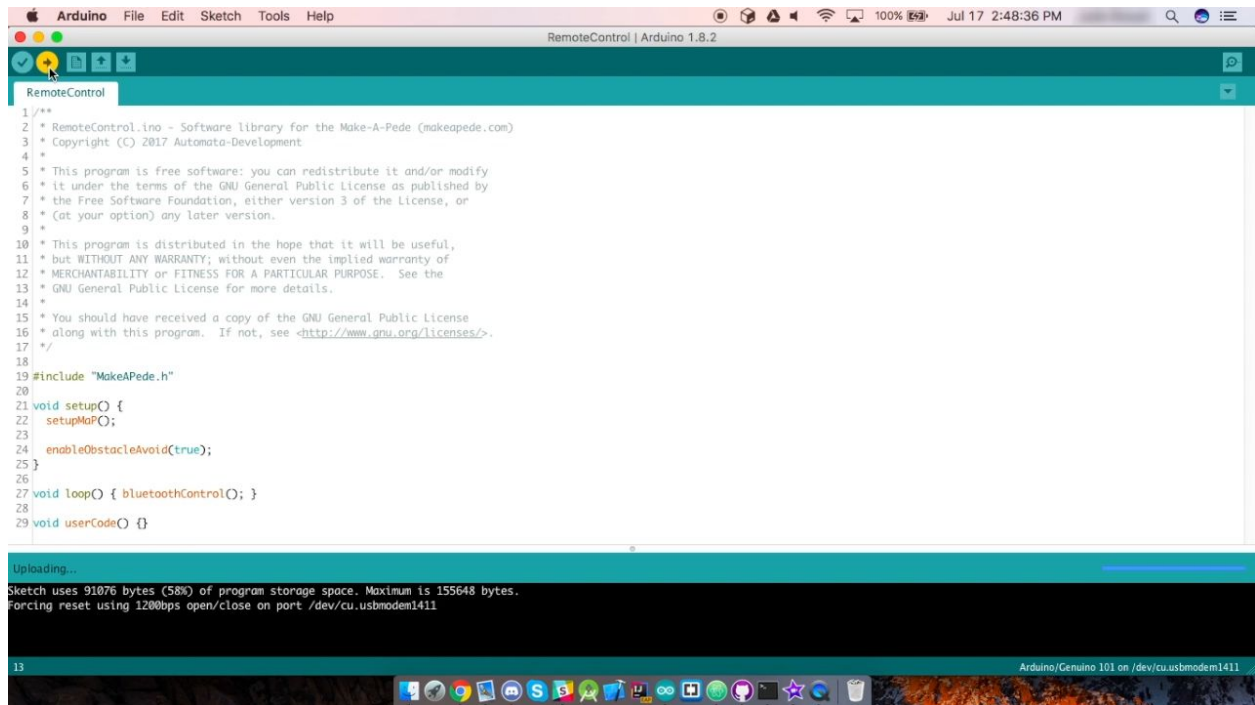
Step 4: Select "Arduino/Genuino Uno" from the Tools → Board menu.



Step 5: Connect the robot to your computer using the download cable provided and select the port the robot is connected to in the Tools → Port menu.



Step 6: Upload the program to your robot.



The screenshot shows the Arduino IDE interface. The top menu bar includes 'Arduino', 'File', 'Edit', 'Sketch', 'Tools', and 'Help'. The title bar reads 'RemoteControl | Arduino 1.8.2'. The main editor window displays the code for 'RemoteControl.ino'. The code includes a license notice and the following functions:

```
1 /**
2  * RemoteControl.ino - Software library for the Make-A-Pede (makeapede.com)
3  * Copyright (C) 2017 Automata-Development
4  *
5  * This program is free software: you can redistribute it and/or modify
6  * it under the terms of the GNU General Public License as published by
7  * the Free Software Foundation, either version 3 of the License, or
8  * (at your option) any later version.
9  *
10 * This program is distributed in the hope that it will be useful,
11 * but WITHOUT ANY WARRANTY; without even the implied warranty of
12 * MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
13 * GNU General Public License for more details.
14 *
15 * You should have received a copy of the GNU General Public License
16 * along with this program. If not, see <http://www.gnu.org/licenses/>.
17 */
18
19 #include "MakeAPede.h"
20
21 void setup() {
22   setupMaPO();
23
24   enableObstacleAvoid(true);
25 }
26
27 void loop() { bluetoothControl(); }
28
29 void userCode() {}
```

Below the code editor, a status bar indicates 'Uploading...'. A progress bar shows the upload progress. Below the progress bar, the following text is displayed:

```
Sketch uses 91076 bytes (58%) of program storage space. Maximum is 155648 bytes.
Forcing reset using 1200bps open/close on port /dev/cu.usbmodem1411
```

The bottom status bar shows '13' on the left and 'Arduino/Genuino 101 on /dev/cu.usbmodem1411' on the right. The system tray at the bottom of the screen contains various application icons.