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*Page 4/25*

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Arduino WiFi Shield  
101 is a powerful IoT  
shield with crypto-  
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Arduino or Genuino  
board to the internet  
wirelessly.

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## **Arduino PRO - ARDUINO AND ANDROID USING MIT APP INVENTOR 2.0**

With the components connected and the connection verified, we are ready to build the Android app to be used for the actual control of the LED. Android App. The app for this project was designed using the

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MIT app inventor for  
the sake of simplicity,  
but it can also be built  
using any other  
platform, used for the  
development of  
Android apps.

## **Arduino Communication with an Android App via Bluetooth ...**

For the projecting I'm  
working on, I need to  
send sensor data from  
my Arduino to an app I  
built using MIT App

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inventor 2. I'm using a TFMini Lidar Sensor to measure distance and calculate the velocity of an object approaching my sensor. Then, I send that data through an HC-05 module to the app I built.

## **Android App that Sends a Message to Your Arduino | Random ...**

The concept of  
controlling or



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executing a task on Arduino with a mobile phone over Bluetooth has gained enormous popularity in the recent years. Makers and developers started to create custom applications for this purpose using easy to develop software such as MIT APP inventor. Most of these applications were utilized for sending one way information.

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**Sending Serial data  
from Arduino to  
Android App using  
Mit ...**

As you said the platform I'm using (MIT App Inventor) is totally different, so you can't use my applications with Android studio. I might do some projects with Android Studio in the future, but right now I have plenty of other projects to finish. Thanks, Rui. Reply

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**Course on MIT App  
Inventor and  
Arduino : 5 Steps  
(with ...**

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Arduino PRO  
OVERVIEW. The  
Arduino Pro is a micro  
controller board based  
on the ATmega328  
datasheet. The Pro  
comes in both  
3.3V/8MHz and  
5V/16MHz versions.

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**How to Read  
Arduino Sensor Data  
on Android App  
Using ...**

This is the value of latitude and longitude in my serial Arduino.

This is my example design in Mit App inventor This is the blocks of my design in Mit app Gps Code:

```
#include  
<TinyGPS++.h>  
#include  
<SoftwareSerial.h>  
static const int RXPin =
```

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3, TXPin = 4; static  
const uint32\_t  
GPSBaud = 9600; //  
The TinyGPS++ object  
TinyGPSPlus gps; // The  
serial connection to the  
GPS device  
SoftwareSerial ss ...

## **Smartphone Controlled Lamp | Arduino + MIT App Inventor ...**

To test the app that  
created during this  
tutorial, you need an  
Android mobile or

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android supported devices to test your app. creating an app with MIT app inventor is very simple, you won't be doing any coding process during creating your app, you will be assembling blocks together to make your app. if you don't have any prior experience with Arduino control, make sure you follow some basics like connecting Arduino to your

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computer and upload  
example code to  
Arduino from Arduino  
IDE, this ...

## **Arduino And Android Using Mit**

Hi everyone! My next project is How to make smartphone controlled lamp using Arduino Uno, bluetooth module HC-06 and create Android App with MIT App Inventor. Wiring is quite simple and you

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can easily make all connections. Creating an App will take about 15 minutes. Step 1:

Requirements. Parts Required: Arduino Uno R3 Board; Bluetooth module HC-06

## **How to program Arduino with android smartphone using ...**

For a recent version see Getting Started with MIT App Inventor 2 and Arduino. This



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project's source file for the android app is outdated, because it was built using the old MIT APP Inventor Classic software, that is no longer supported. However, this project still works if you convert the files to the recent format here.

## **Control your Arduino with Voice Commands [Android App ...**

The next project in the

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ESP8266 WiFi Module  
Series is to Control a  
Relay using ESP8266  
and Android through  
an App (Application)  
developed with the  
help of MIT App  
Inventor. By installing  
this App in your  
Android Phone (sorry  
iOS users!!!), you can  
control a relay using  
ESP8266 that is  
connected to the same  
WiFi network as your  
phone.

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**Using ESP8266 and  
MIT App Inventor to  
control a Relay | IoT**

Kerimil, user on  
Arduino Forum,  
submitted us his  
project which focuses  
on establishing  
communication  
between an Arduino  
board and an android  
mobile using  
bluetooth:. The idea is  
to gain access to  
hardware on Android  
devices  
(accelerometers, gyro,

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wifi connectivity, gps,  
GPRS, touchscreen,  
text to speech and  
speech to text) and/or  
use it to relay data to  
the internet.

## **Arduino- Send and Receive data with Android App. - Robo**

...

In this project we're  
going to control an  
Arduino with Voice  
commands with a  
simple android App  
that I've create with

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MIT App Inventor. To  
send data we will use a  
Bluetooth Module and  
433MHz transceiver  
module. More info

## **How to control Arduino board using an Android phone**

In this project, we are going to control two servo motors using an Arduino UNO and an Android app on a mobile device.

Whenever the slider on the app is moved, the

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App Inventor 2  
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Bluetooth module will send the data from the Android app to the Arduino. The Arduino will get this data through the serial communication.

## **How To Use App Inventor With Arduino | Random Nerd Tutorials**

This tutorial explains how to control Arduino from a smart phone using a bluetooth module HC-05. 1.

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Introduction: In this tutorial we explains, how to send and receive data from Arduino to the Android app without using Serial monitor. For this, we have taken a simple example of LED. We will send command to get LED on and off.

## **How to Control Servo Motors from a Mobile Device with an ...**

How to program Servo

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motor with android  
smartphone using  
Arduino Uno, Nano,  
Mega, Micro by  
arduinodroid android  
application without any  
laptop or computer  
do...

## **Connecting ESP8266 (NodeMCU) with Android app (MIT APP ...**

It can be programmed  
by using Arduino,  
NodeMCU IDE or  
ESP8266 SDK. Several



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other modules like ESP-02, ESP-07 were also released. All these are essentially based on ESP8266, the only difference is the number of GPIO pins. We will also use an app developed by MIT App Inventor through an Android device in this project.