Arduino Project List

Note: If you want to download list of arduino projects in PDF format, please visit: Arduino Projects PDF

1. Make A Digital Clock From Scratch using arduino
2. Code generator for custom Android or Arduino menus
4. Build Your Own Arduino Web server
5. Arduino and L293D Robot ( Part 1 )
6. Mechanical Led Matrix Display
7. Accelerometer powered LED dress
8. STEAMPUNK STEAM GAUGE, POWERED BY ARDUINO
9. Breathalyzer Microphone using an Arduino
10. DIY Arduino FM Radio (Part 2)
11. Extra inputs for Arduino with a keyboard
12. Arduino Digital 7-Segment Thermometer
13. Secret Compartment Chess Set
14. Arduino temperature controlled PC Fan
15. My Arduino Ping Display Robot
16. The Arduino Internet Gizmo
17. Capture the image of a falling object
18. Augmenting Plant Behavior Through Robotics using Arduino
19. Homemade Magic Lamp Card Box using an Arduino
20. Theremin Toy using Arduino
21. Discreet Data Logger using Arduino
22. Control Servo with Light using Arduino
23. Machine Design
25. Auduino Lo-fi Synth for Arduino
26. 3D Printed Arduino Controlled Eggbot/Spherepot
27. Hookup an LCD to an Arduino in 6 seconds with 3, not 6 pins
28. Arduino Waveform Generator Shield
29. Hacked roomba and arduino snowballs into a Eurobot 2013 entry
30. Garage Door Opener with iphone using Arduino
31. MP3 Interface for Arduino
32. Hacked Pan and Tilt Camera Mount
33. ATtiny85 POV Display using arduino
34. Input Pullup Serial using Arduino
35. Easy 4×6 LED Matrix, Arduino!
36. Self-Contained 7x7x7 LED Cube using Arduino
37. SPlying tones on Multiple outputs using the tone() function with Arduino
38. “12 Thumbs” R/C LEGO Dragster
39. Arduino browser based remote control (linux)
40. Traffic Signal / Stop Light Wiring with Arduino Controller
41. Building a Portal Turret with motion controlled audio and lighting
42. Self-Watering Plant using an Arduino
43. Make a digital “meow” from analog clock using arduino
44. Arduino Chicken Coop Controller
45. Capacitive-Touch Arduino Keyboard Piano
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47. Data Logger Project using an Arduino
48. Nintendo Keyless Entry System using an Arduino
49. Control Fluorescent Lights with a Laser Pointer and an Arduino
50. Arduino Street Traffic Light – Breadboard Edition
51. Cheap working homemade arduino joystick
52. Pong Playing Flexible Screen on a Shirt
53. 48×8 SCROLLING MATRIX LED DISPLAY USING ARDUINO CONTROLLER
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55. Easy Electronics Organization using Arduino
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USB Mouse Made Out Of A Wii Nunchuck
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Arduino String Appending Operators Code
DIY Robotic Hand Controlled by a Glove and Arduino
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1058. Catchin’ time using Arduino
1059. Arduino Home automation
1060. The Arduino OctoSynth
1061. Cheap wireless transmission between two Arduinos with Infrared
1062. The Musical FootBall
1063. Home Automation (or Robot Butler called Geoffrey) – iPhone controlled, arduino based
1064. Clock Two – Single digit clock using Arduino
1065. Pan & Tilt Servo bracket controlled by Arduino
1066. AlarmingTweet
1067. Tweetosapien: Hack a Robosapien With Arduino to React to Tweets
1068. Control TV functions using Analog input and Arduino
1069. Wii Nunchuk Controlled Model Train using Arduino
1070. Arduino Based Automated Lighting Control
1071. Easy Arduino Audio Annoyatron
1072. Dual H-Bridge – Arduino L298 Breakout Board
1073. Arduino Powered Four Letter Word Generator
1074. How to Build a Robotic Hand with Haptic Feedback using Arduino
1075. Ardusumo: an Open Source Platform for Fighting Robots using Arduino
1076. Hercules: The Motion Controlled Android Robot using Arduino
1077. Arduino Wireless Programming with XBee Series 1 or 2
1078. The Word Clock Arduino version
1079. Arduino Control DC Motor via Bluetooth
1080. Best RGB LEDs for any project (WS2812)
1081. Colorful Countdown Clock for tight timeline management using Arduino
1082. AC Dimmer Circuit: 46
1083. Arduino Esplora Kart
1084. Arduino GSM shield
1085. Arduino-Radio Controlled Hydrogen Blimp
1086. Dimmer using an Arduino
1087. Twitter Poem Box
1088. How to control LED’s with Processing and Arduino
1089. A watering controller that can be home networked using an Arduino
1090. Arduino 4 led madness
1091. Hexapodino: tiny hexapod 3D printed, Arduino controlled
1092. Bitcoin Price Ticker (almost) from scratch using Arduino as ISP
1093. Arduino HC-SR04 How to use Ultra Sonic Sensor
1094. Holiday Dreidel Light Display for Roof using Arduino
| 1095. | Cell phone text using an Arduino |
| 1096. | Keyless Entry / Arduino |
| 1097. | Clock with Tics (presentation prototype) using Arduino |
| 1098. | Make your own Enigma Replica |
| 1099. | Bicycle North Indicator using Arduino |
| 1100. | CatBot: Automated Cat Laser using an Arduino |
| 1101. | Larson Scanner with Relay Module using Arduino |
| 1102. | How to Make a PIP-Boy using an Arduino |
| 1103. | simpleTweet_01 python using Arduino |
| 1104. | Make your pet dishes tweet |
| 1105. | SMS controlled Wireless Irrigation System using an Arduino |
| 1106. | The 4x4x4 LED cube using an Arduino |
| 1107. | Arduino Guitar Tuner |
| 1108. | Flashing LED Top Tube Pad for your bike using Arduino |
| 1109. | Huge Arduino Animatronic LED Eyeball using arduino |
| 1110. | ZIF socket Arduino-compatible board |
| 1111. | Arduino Led Dice |
| 1112. | Arduino Tutorial: Capacitive Touch Sensors |
| 1113. | Arduino Thermal Camera |
| 1114. | How to build your very own Time Fountain using Arduino |
| 1115. | Hack an old iPod using an Android and an Arduino |
| 1116. | Python Meets the Arduino |
| 1117. | How To Control A Stepper Motor With An Arduino Uno |
| 1118. | SmartMesh – Arduino and Android Controlled Pneumatic Facade |
| 1119. | Arduino Joystick Breadboard with LCD Output |
| 1120. | Drive by wire go kart using Arduino |
| 1121. | Artoo [R2] (ATtiny2313 Wall Avoiding Robot) |
1122. Arduino Fart-O-Meter
1123. Arduino from Evil Mad Scientist ATmegaxx8 Target Board
1124. Serial Call and Response using Arduino
1125. Digispark RGB LED Fader
1126. Easy Bluetooth Enabled Door Lock With Arduino + Android
1127. How to: Use Arduino to Generate Glitchy Audio VGA Visuals
1128. Rubik’s Cube Solver using arduino
1129. Bidirectional motor control
1130. 4x4x4 interactive LED-cube with Arduino
1131. ZAPpelin, or how to train your blimp with an Arduino and IR remote
1132. To blink LED from mobile phone or iPod or another computer via WiFi
1133. Arduino USB
1134. Sensing Squeeze using Arduino
1135. Read ASCII String using Arduino
1136. Arduino RFID Card Reading
1137. Jeopardy Ring-in Buttons with Built-in Rules using Arduino
1138. Laser Tag Stuffed Animals
1139. Cat Repelling PIR motion sensor (covert) speaker box alarm using Arduino
1140. How to make a servo leg using Arduino
1141. How to build a whole home energy monitor using Arduino
1142. Arduino Esplora Blink Code
1143. Botanicalls Clone using an Arduino
1144. Arduino stepper motor and servos shield
1145. Plugduino – Arduino based 120 Volt outlet controller
1146. Bike Speedometer using an Arduino
1147. Arduino LCD Twitter display
1148. Potentiometer or variable resistor control LED Code
| 1176 | Build a big crane game using Arduino |
| 1178 | Cheap Arduino Controled Yogurt Maker |
| 1179 | Arduino Board Sound Alarm |
| 1180 | Visual Navigator Making it MOBILE using Arduino |
| 1181 | Arduino-powered LED Clock |
| 1182 | Laser Pointer Switch using arduino |
| 1183 | Connecting a 12V relay to Arduino |
| 1184 | High Speed Photography |
| 1185 | Star Jar Geiger counter triggered LED decoration using Arduino |
| 1186 | Speech-controlled Game Boy Advance using arduino |
| 1187 | Arduino Board Step Sequencer |
| 1188 | Arduino 7-Segment Thermometer |
| 1189 | How to set up a Public Window |
| 1190 | How to Make Musical Floppy Drives using an Arduino |
| 1191 | Head Mouse – Game controller or disability aid using Arduino |
| 1192 | The Dryer Messenger using Arduino |
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| 1194 | Arduino Weather Station Part2 |
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| 1199 | Bootload an Arduino with a ZIF Socket |
| 1200 | Arduino Esplora Pong |
| 1201 | How to make a Ball Balancing Robot |
| 1202 | DIY Driving Simulator using an Arduino |
1203. LED Cylinder using Arduino
1204. How to Make a Makeblock Music Robot with the Music Robot Kit (NEW)
1205. Talking Arduino Heart Rate Monitor
1206. Honey, I Shrank The Arduino
1207. 0 to 99 Light display
1208. Arduino Double Dice Jewelry Box w/ Secret Switch
1209. Dot Matrix Printer from a CD/DVD Reader with Arduino
1210. How to use a Piezo element to detect vibration using Arduino
1211. Dirt cheap Arduino LED light bar
1212. Lambda Calculus in a Can using Arduino
1213. Arduino String Instrument
1214. CARduino – Arduino-Powered, LabVIEW-Controlled Vehicle
1215. Stupid Simple Arduino LF RFID Tag Spoof
1216. Arduino Hexapod Robot
1217. How to connect a servo to the Arduino
1218. Arduino DIY SD Card Logging Shield
1219. Modern RGB LED Clock using Arduino
1220. Word Clock in German using Arduino
1221. Multifunction Digital Thermometer using an Arduino
1222. 5×5 rgb lpd6803-led matrix arduino controlled
1223. Arduino based Graph
1224. Monitor – Thinking Skins using Arduino
1225. Emotidora: Hats with Emotions using Arduino
1226. Soundgraffiti with arduino mega
1227. A cardboard televisor (with arduino and LEDs)
1228. BoB the BiPed
1229. Arduino-Square with Color LCD
| 1230. | Cheap and Easy MP3 Shield for Arduino |
| 1231. | Arduino Timer Interrupts |
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| 1233. | Adding CV inputs to the Auduino granular synth |
| 1234. | Play Music using Arduino Esplora |
| 1235. | Self-balancing skateboard/segw*y project Arduino Shield |
| 1236. | Digital Zoetrope using Arduino |
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| 1240. | Clock One – Digital plus Analog Clock An Arduino |
| 1241. | Motion Sensing Digital Camera & Alarm using Arduino |
| 1242. | DIY a Spelling Game with an Interactive Robot using Arduino |
| 1243. | LED Calculator with Rotary Quadrature Encoder for Target System Voltage Selection using Arduino |
| 1244. | Real-Time Arduino GPS Tracker with iPhone app |
| 1245. | How to use a 1602 16X2 LCD display with Arduino, TI Launchpad, and standalone MSP430 video instructions |
| 1246. | Arduino Peak Power Tracker Solar Charger |
| 1247. | MEGAshield KIT for Arduino MEGA 2560 R3 and Arduino DUE |
| 1248. | Stargate LED Lighted Necklace |
| 1249. | Simple Parking Sensor using Arduino |
| 1250. | Control your motors with L293D and Arduino |
| 1251. | Oscilloscope / Logic Analyzer using Arduino |
| 1252. | High Heel Massage using an Arduino |
| 1253. | Plantduino Greenhouse using an Arduino |
| 1254. | Control Keyboard & Mouse Android app via Arduino |
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