

[Mobile ebook] 30 Arduino Projects for the Evil Genius by Monk, Simon (2010)

30 Arduino Projects for the Evil Genius by Monk, Simon (2010)

From McGraw-Hill/TAB Electronics; 1 edition (2010-07-28)

**Download PDF | ePub | DOC | audiobook | ebooks*



#7559563 in Books 1800 #File Name: B00DO96E0E | File size: 32.Mb

From McGraw-Hill/TAB Electronics; 1 edition (2010-07-28) : 30 Arduino Projects for the Evil Genius by Monk, Simon (2010) before purchasing it in order to gage whether or not it would be worth my time, and all praised 30 Arduino Projects for the Evil Genius by Monk, Simon (2010):

27 of 28 people found the following review helpful. You have your Arduino set up. Now what?By Brian ConnorsIf you're like me, going through example projects for things like the Arduino is a bit like drinking from a firehose -- you don't know what's good to start with, and when you're done, you haven't really done much and don't know what to do next. The "Evil Genius" conceit is a bit silly, but it does insure that the 33 projects (not 30 -- evil geniuses are liars, we all know this) in this book are generally at least somewhat useful when you're done with them.To start with, the current edition of the book focuses mainly on the Uno and Leonardo boards, with one additional project based on the LilyPad purely for the aesthetics (it's the exposed "movement" of a binary wall clock). There's almost no soldering required in most of the projects, apart from a Protoshield, the binary clock, and a couple of peripheral boards. There's even one project (building the business end of an oscilloscope) where the book delves into one of Arduino's parent projects, the Processing IDE, to provide graphical display output that the Arduino serial monitor can't. Finally, the three added projects at the end take advantage of the Leonardo CPU's direct USB support to demonstrate its use as an input device, as both a keyboard shim and an accelerometer mouse. Mercifully, you don't need to know much about electronics beyond the basics of how to read a schematic and recognize specific components, and the longest code listings are no more than three full pages, so they're fairly easy to understand and modify.As I said above, the projects themselves all shoot for being at least somewhat useful -- a SAD light to keep your murderous impulses under control during the dark times of the year, an LCD thermostat to keep the lasersharks warm, a hypnosis wheel to make your

opponent's dark side turn on them, an infrared remote to TURN OFF THAT FRAKKING MUSIC -- sorry... *twitch* sorry... I was saying... what was I saying? 11 of 11 people found the following review helpful. Fantastic book By J. Burnett I recently purchased this book and I have learned so much about Arduino programming in just a few short days. After reading the preview, I went ahead and ordered a few electronic components (Arduino Duemilanove, LEDs, breadboard, wires, resistors) so that I could get started right away. So far, everything in the book has been very well explained and actually gets you into applying programming instead of just teaching you theory. Monk starts off simply by explaining how to blink an LED, and quickly moves into advancing the code and making cooler projects. So far, I'm just about finished with the LED portion of the book and I have enjoyed every bit of it. As a note for all of you that are as eager to program an Arduino as I was / am, please be advised that you will need to purchase new equipment to do each project. As you probably already know, the Arduino board can be re-used, along with many of the LEDs and resistors. However, it may be a good idea to glance ahead once your book arrives so you can go ahead and order the parts for the upcoming projects. I quickly went through the first few, and now I'm having to wait until my new parts come ;) Overall, I don't have any complaints about the book. All of the necessary codes are given, along with wiring diagrams and actual product pictures. This book is helping me, and I'm sure it will help you too. 27 of 29 people found the following review helpful. A good beginner and heading toward intermediate book on Arduino concepts By P. Plummer Personally, I like this book. It may not be completely beginner level as it appears to assume some knowledge of C, but that has not been a problem for me as I have previous C and Objective C programming experience. It could be an issue for those who have no previous experience, however. Dr. Monk does not always tackle the problems he presents as I would have (e.g., he uses a series of "else if" statements where I would have used a "switch" statement on one project), but I think he overall gets the concepts across well. The book covers beginning to intermediate Arduino concepts well by using fun and interesting projects. Appears well written and I have not picked up on any errata as of yet, but am doing a read through first before I do any of the projects on my Uno. All of the projects appear up to date with respect to the most current Arduino IDE, but will give more feedback when I've run several of the projects firsthand.

Will be shipped from US. Used books may not include companion materials, may have some shelf wear, may contain highlighting/notes, may not include CDs or access codes. 100% money back guarantee.