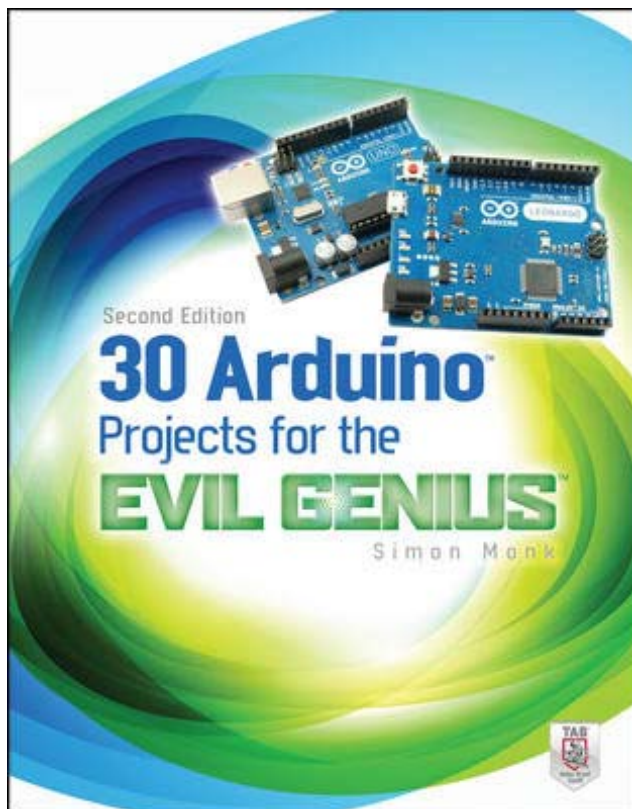


30 Arduino Projects for the Evil Genius, Second Edition



- **Authors:** Simon Monk
- **Published:** May 6th 2013
- **Edition:** 2
- **ISBN:** 9780071817721
- **Format:** Print
- **Pages:** 224

Description

So Many Fiendishly Fun Ways to Use the Latest Arduino Boards!

Fully updated throughout, this do-it-yourself guide shows you how to program and build fascinating projects with the Arduino Uno and Leonardo boards and the Arduino 1.0 development environment. *30 Arduino Projects for the Evil Genius*, Second Edition, gets you started right away with the simplified C programming you need to know and demonstrates how to take advantage of the latest Arduino capabilities.

You'll learn how to attach an Arduino board to your computer, program it, and connect electronics to it to create your own devious devices. A bonus chapter uses the special USB keyboard/mouse-impersonation feature exclusive to the Arduino Leonardo.

30 Arduino Projects for the Evil Genius, Second Edition:

- Features step-by-step instructions and helpful illustrations
- Provides full schematic and construction details for every project
- Covers the scientific principles behind the projects
- Removes the frustration factor--all required parts are listed along with sources

Build these and other clever creations:

- High-brightness Morse code translator
- Seasonal affective disorder light
- Keypad security code
- Pulse rate monitor
- Seven-segment LED double dice
- USB message board
- Oscilloscope
- Tune player
- VU meter
- LCD thermostat
- Computer-controlled fan
- Hypnotizer
- Servo-controlled laser
- Lie detector
- Magnetic door lock
- Infrared remote
- Lilypad clock
- Evil Genius countdown timer
- Keyboard prank
- Automatic password typer
- Accelerometer mouse

Contents

Introduction

Ch 1. Quick Start

Ch 2. A Tour of Arduino

Ch 3. LED Projects

Ch 4. More LED Projects

Ch 5. Sensor Projects

Ch 6. Light Projects

Ch 7. Sound Projects

Ch 8. Power Projects

Ch 9. Miscellaneous Projects

Ch 10. USB Projects with the Leonardo

Ch 11. Design and Build Your Own Projects

Appendix: Components and Supplies

Additional Information

ISBN (10-digit)	0071817727
ISBN	9780071817721
Previous Edition's ISBN	N/A
Format	Print
Binding	Paperback / softback
Stock Due	Nov 1, 2016
Edition	2
Authors	Simon Monk
Series	Evil Genius
Division	PBG
Blink Division	N/A
Published	May 6, 2013
Publication Status	IN PUBLICATION - ACTIVE