Beginning Arduino (Technology in Action)

Michael McRoberts

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Want to light up a display? Control a touch screen? Program a robot? The Arduino is a microcontroller board that can help you do all of these things, plus nearly anything you can dream up. Even better, it's inexpensive and, with the help of *Beginning Arduino, Second Edition*, easy to learn.

In *Beginning Arduino, Second Edition*, you will learn all about the popular Arduino by working your way through a set of 50 cool projects. You'll progress from a complete Arduino beginner to intermediate Arduino and electronic skills and the confidence to create your own amazing projects. You'll also learn about the newest Arduino boards like the Uno and the Leonardo along the way. Absolutely no experience in programming or electronics required!

Each project is designed to build upon the knowledge learned in earlier projects and to further your knowledge of Arduino programming and electronics. By the end of the book you will be able to create your own projects confidently and with creativity. You'll learn about:

- Controlling LEDs
- Displaying text and graphics on LCD displays
- Making a line-following robot
- Using digital pressure sensors
- Reading and writing data to SD cards
- Connecting your Arduino to the Internet

This book is for electronics enthusiasts who are new to the Arduino as well as artists and hobbyists who want to learn this very popular platform for physical computing and electronic art.

Please note: The print version of this title is black and white; the eBook is full color. The color fritzing diagrams are available in the source code downloads on http://www.apress.com/9781430250166

What you'll learn

- Controlling LEDs
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From reader reviews:

Sheri Furlong:

The knowledge that you get from Beginning Arduino (Technology in Action) is the more deep you rooting the information that hide in the words the more you get thinking about reading it. It doesn't mean that this book is hard to recognise but Beginning Arduino (Technology in Action) giving you enjoyment feeling of reading. The author conveys their point in certain way that can be understood simply by anyone who read this because the author of this book is well-known enough. This particular book also makes your own vocabulary increase well. Making it easy to understand then can go along with you, both in printed or e-book style are available. We advise you for having this kind of Beginning Arduino (Technology in Action) instantly.

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Harriett Costello:

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