Raspberry Pi Cookbook

Simon Monk

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The world of Raspberry Pi is evolving quickly, with many new interface boards and software libraries becoming available all the time. In this cookbook, prolific hacker and author Simon Monk provides more than 200 practical recipes for running this tiny low-cost computer with Linux, programming it with Python, and hooking up sensors, motors, and other hardware—including Arduino.

You'll also learn basic principles to help you use new technologies with Raspberry Pi as its ecosystem develops. Python and other code examples from the book are available on GitHub. This cookbook is ideal for programmers and hobbyists familiar with the Pi through resources such as *Getting Started with Raspberry Pi* (O'Reilly).

- Set up and manage your Raspberry Pi
- Connect the Pi to a network
- Work with its Linux-based operating system
- Use the Pi's ready-made software
- Program Raspberry Pi with Python
- Control hardware through the GPIO connector
- Use Raspberry Pi to run different types of motors
- Work with switches, keypads, and other digital inputs
- Hook up sensors for taking various measurements
- Attach different displays, such as an LED matrix
- Create dynamic projects with Raspberry Pi and Arduino

Make sure to check out 10 of the over 60 video recipes for this book at: http://razzpisampler.oreilly.com/ You can purchase all recipes at:

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