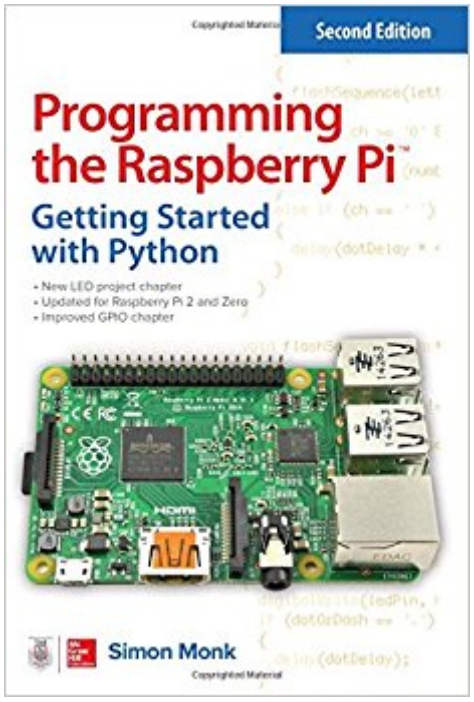
Programming The Raspberry Pi, Second Edition: Getting Started With Python (Electronics)



Synopsis

An updated guide to programming your own Raspberry Pi projectsLearn to create inventive programs and fun games on your powerful Raspberry PiÃ¢â ¬â ¢with no programming experience required. This practical book has been revised to fully cover the new Raspberry Pi 2, including upgrades to the Raspbian operating system. Discover how to configure hardware and software, write Python scripts, create user-friendly GUIs, and control external electronics. DIY projects include a hangman game, RGB LED controller, digital clock, and RasPiRobot complete with an ultrasonic rangefinder.Updated for Raspberry Pi 2Set up your Raspberry Pi and explore its featuresÃ Â Navigate files, folders, and menusÃ Â Write Python programs using the IDLE editorÃ Â Use strings, lists, functions, and dictionariesÃ Â Work with modules, classes, and methodsÃ Â Create user-friendly games using PygameÃ Â Build intuitive user interfaces with TkinterÃ Â Attach external electronics through the GPIO portÃ Â Add powerful Web features to your projects

Book Information

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Customer Reviews

Dr. Simon Monk has a bachelorÃ¢â ¬â„¢s degree in cybernetics and computer science and a Ph.D. in software engineering. He is now a full-time writer and has authored numerous books, including Programming Arduino, 30 Arduino Projects for the Evil Genius, Hacking Electronics, and Fritzing for Inventors. Dr. Monk also runs the website monk.makes.com, which features his own products.

Wonderfully written and very instructive. Simon Monk is my go-to author for electronics learning. I have both of this Arduino "Getting Started" books. I highly recommend his books.

Great book for starting out.

I learned FORTRAN and COBOL years ago and have not programmed (coded in today's parlance) anything since. This book helped get me back on track. Good examples and easy to read.

This book was for my husband. He likes the book as he is into using his Raspberry Pi, and he says the book is very helpful.

This book provides a very good introduction to the Raspberry Pi. Instructions are clear and there is a good mix of programming and practical projects. Definitely a good place to start with programming the Raspberry Pi.

This book was a lot of fun... and helpful. My only complaint is that some topics seem a little rushed through. This is both a blessing and a curse. The silver lining is that most of the exercises can be completed in under an hour.

This a great book on programming Python for the Raspberry Pi. It takes a step by step approach to Python for the Raspberry Pi and clarifies the differences between Python 2 and Python 3. Easy to follow examples that gets you started straight away.

Like it, great for beginners. Note outdated.

Python: Programming: Your Step By Step Guide To Easily Learn Python in 7 Days (Python for Beginners, Python Programming for Beginners, Learn Python, Python Language) Python Programming: Python Programming for Beginners, Python Programming for Intermediates, Python Programming for Advanced Python: The Complete Python Quickstart Guide (For Beginner's) (Python, Python Programming, Python for Dummies, Python for Beginners) Raspberry Pi 3: The Ultimate Guide on how to design and build your own projects with Raspberry Pi 3 (Computer Programming, Raspberry Pi 3) (Raspberry Pi ... general,all,new, 2017 updated user guide)

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