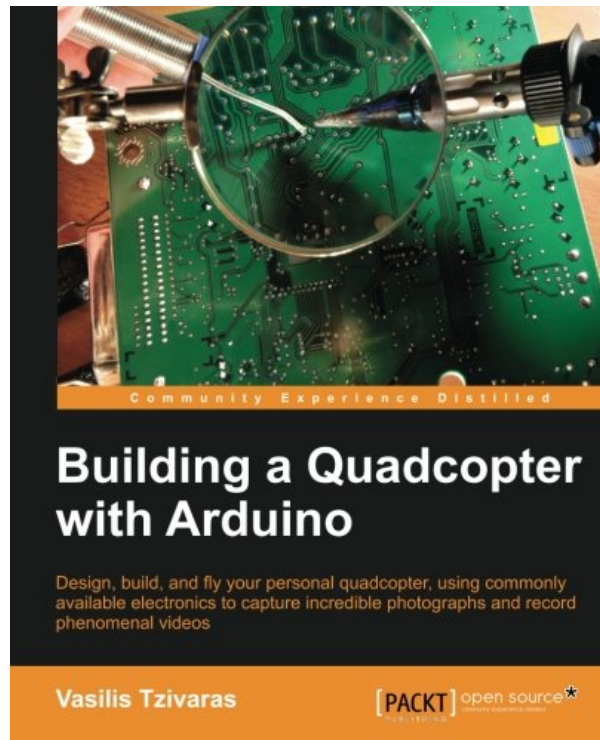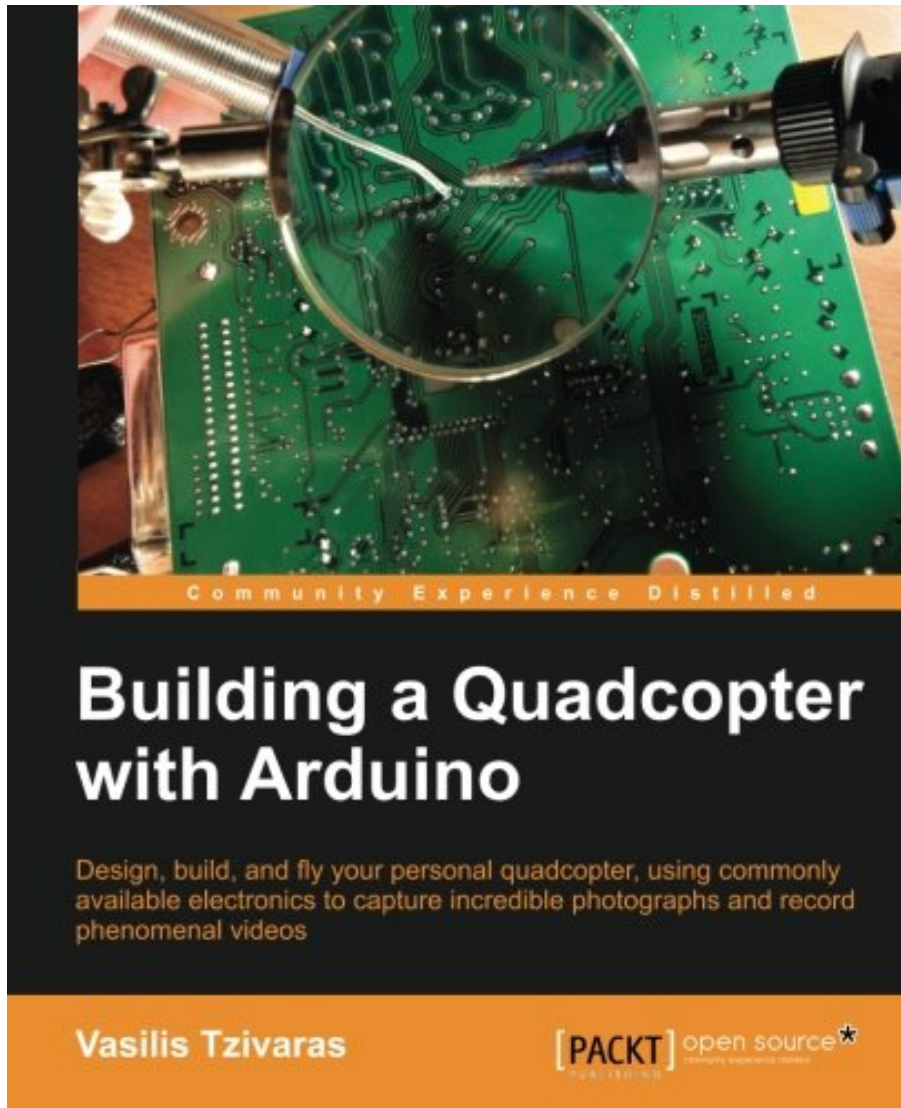# BUILDING A QUADCOPTER WITH ARDUINO BY VASILIS TZIVARAS

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About the Author

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Key Features

- Grasp the knowledge required to assemble your drone with light and cost effective materials
- Enlighten your understanding about the flight by performing step-by-step pre-flight adjustments and acquiring the instructions for a safe flight
- Get the best tips to deal with performance issues related to your quadcopter

Book Description

Quadcopters, also known as quadrotors, are gaining more and more popularity in today's world. With the help of these devices, anyone can have an "eye in the sky" and can monitor any place at any time. You can capture photographs and once a while and perform automated tasks. In this book, you will be informed about all the basic modules and electronics needed to fly a simple quadcopter. You'll delve deep to create a fully-functional quadcopter quickly with the help of Arduino boards. Through this book, you'll develop the skills needed to build a DIY drone that can capture pictures and record videos.

What you will learn

- Review and choose the most suitable material for the build
- Set up and calibrate all of your electronic parts
- Control and fly your quadcopter taking into account the weather conditions
- Maintain your vehicle as much as possible and repair it whenever required
- Engineer the structure of your vehicle
- Develop a flight controller with its basic principles
- Eliminate possible malfunctions in the future
- Repair your drone if it crashes or faces any damage

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SPECIAL KIND OF ARDUINO
By Amazon Customer
Good for general parts, what motors, materials, ideas. The book uses a special sort of arduino that already includes all the GPS/gyrometer...ect and is hooked up to some software.

Only about an 1-1.5 hour read. Worth the read before building a quadcopter.1 of 1 people found the following review helpful.
Doesn't tell you how.
By Big Steve
I'm confused about the title. The book only shows you pictures of the arduino. Doesn't tell you a thing how to build using one.See all 2 customer reviews...

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