



# Home Automation with Arduino: Automate your Home using Open-Source Hardware

By Marco Schwartz



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## Home Automation with Arduino: Automate your Home using Open-Source Hardware By Marco Schwartz

**Design your own home automation systems using the Arduino platform!**

Home Automation with Arduino is a complete resource to start building your own home automation systems based on the Arduino platform. By using this book, you will learn how to automate your home using DIY home automation systems. I also designed the book so it will inspire you to get your own ideas and start designing & building your own systems.

Here is a non-exhaustive list of what you will be able to do after reading this book:

- Build alarm systems based on Arduino
- Make a Bluetooth weather station
- Build a WiFi smart power switch
- Control your whole home from a central interface

You will also learn many skills that can be reused in other domains. You will learn of course about the Arduino platform and microcontrollers, but also about how to use a wide range of sensors: contact sensors, humidity sensors, motion sensors ... You will also learn about software development, using the languages C/C++, HTML, and JavaScript.



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