You can make many variations of this functionality with just a little programming. For example, you could use this along with the "Party mix!" command you integrated into your software earlier in this book, to set the lights to blink or change color randomly!

Burglar-Detection System

Using vision integration with OpenCV, you can detect whether someone has entered your house in your absence. Extending that functionality, you can program Melissa to take a picture of the person; alert you by ending a message that someone is in your house, along with their photo; call 911; and sound an alarm.

Many other features can be integrated into such a system. Try brainstorming about it.

Summary

In this chapter, you learned how to set up a Raspberry Pi and integrate Melissa into it. Then you saw how to continue your learning after you finish reading this book and where you can implement this virtual assistant to make the most of your devices.

In this book, you learned about virtual assistants, famous virtual assistants available on the market, developing a new virtual assistant, and making the virtual assistant speak, listen, and understand what the user says. You then built several modules that let you talk with Melissa and ask her for information such the weather report, definitions from Wikipedia, and the time. You also developed modules with which Melissa can tweet for you, play music for you, save notes for you, and upload images for you.

I strongly encourage you to keep working on Melissa after you finish reading this book. Doing so will reinforce the concepts in your brain. Follow the principle of "Making Melissa Better Each Day!" Together, we can make Melissa one of the best open source virtual assistants in the world.

Stay hungry; stay foolish!