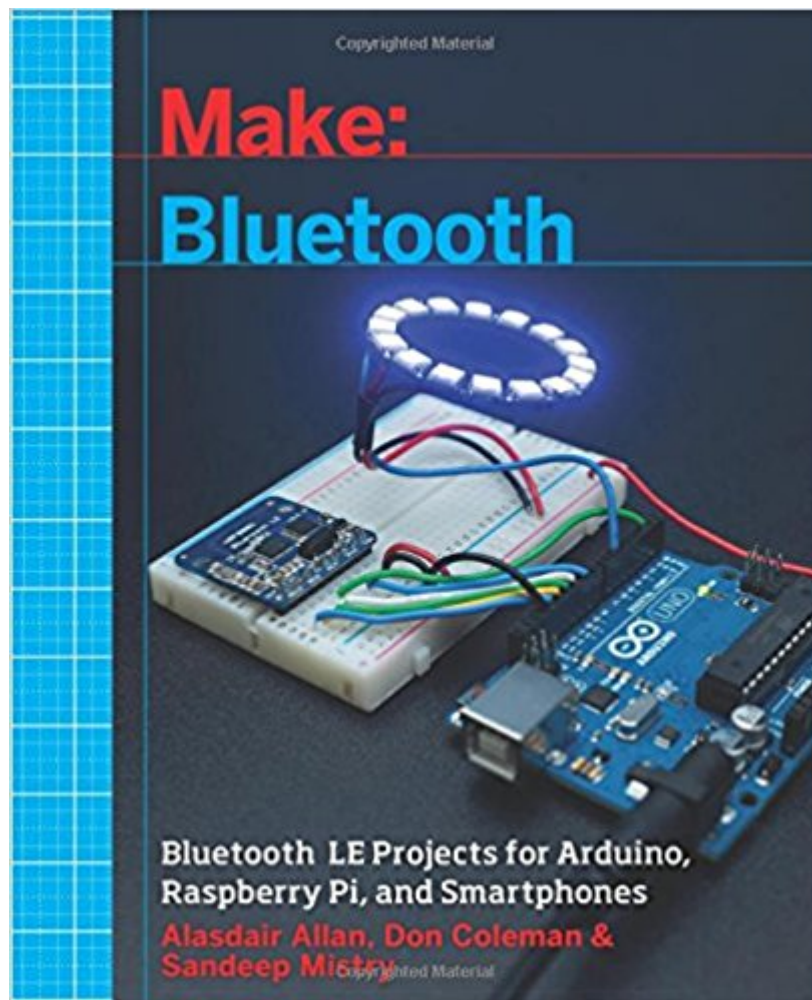




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Make: Bluetooth: Bluetooth LE Projects With Arduino, Raspberry Pi, And Smartphones



Synopsis

This book is where your adventures with Bluetooth LE begin. You'll start your journey by getting familiar with your hardware options: Arduino, BLE modules, computers (including Raspberry Pi!), and mobile phones. From there, you'll write code and wire circuits to connect off-the-shelf sensors, and even go all the way to writing your own Bluetooth Services. Along the way you'll look at lightbulbs, locks, and Apple's iBeacon technology, as well as get an understanding of Bluetooth security--both how to beat other people's security, and how to make your hardware secure.

Book Information

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Customer Reviews

"I've been looking forward to this book for a long time. I've been hounding them all the way for a print date." - Tom Igoe, co-creator of the Arduino
"Make:Bluetooth is a must have addition to your NodeBots book collection." - Rick Waldron, creator of Johnny-Five, the JavaScript Robotics Programming framework for Node.js

Alasdair Allan is a Scientist, Author, Hacker and Tinkerer, and co-founder of a startup working on fixing the Internet of Things. He is the author of a number of books, and from time to time he also stands in front of cameras. He is a contributing editor for MAKE magazine, and a contributor to the O'Reilly Radar. A few years ago he caused a privacy scandal by uncovering that your iPhone was recording your location all the time. This caused several class action lawsuits and a U.S. Senate hearing. Several years on, he still isn't sure what to think about that. Alasdair is a

former academic. As part of his work he built a distributed peer-to-peer network of telescopes which, acting autonomously, reactively scheduled observations of time-critical events. Notable successes included contributing to the detection of what--at the time--was the most distant object yet discovered. Don Coleman is a lifelong engineer who has come full circle, from mechanical to software and now to hardware, bridging the gap between all disciplines. Don is a seasoned PhoneGap developer who has embraced it since its inception, and has spoken across the country about the benefits and advantages of using PhoneGap. As the Director of Consulting for Chariot Solutions, a software consulting company near Philadelphia, PA, he works with teams and clients to reinvent their existing technology and lay the groundwork for the future.Â Sandeep Mistry is a professional software engineer who enjoys tinkering with the Internet of Things and Bluetooth Low Energy (BLE) devices. Sandeep has created/authored numerous open source BLE libraries, including noble and bleno for Node.js, and BLEPeripheral for Arduino.

Fun projects with straight forward explanations and directions. After working through the material I have a good understanding of the concepts covered.

Great book! I have completed all the Arduino and Bluefruit module projects.

As expected

Great book on BLE 4 examples!

Excellent

I like the book a lot, it was really helpful and I keep it to refer to it when I'm starting some new project in an area new to me.

Great one!

I was very disappointed because there was only one project using the Raspberry Pi and Bluetooth. Almost all of the book's contents was about Arduino Bluetooth projects. The cover is very misleading: it should not have used Raspberry Pi on the cover, and then have only a single Raspberry Pi and Bluetooth project. It seems like the single project using Raspberry Pi was included

to be able to put Raspberry Pi on the cover to help sell the book. Don't buy this book if you want information about the Raspberry Pi and Bluetooth.

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