



Make: Bluetooth: Bluetooth LE Projects with Arduino, Raspberry Pi, and Smartphones

By Alasdair Allan, Don Coleman, Sandeep Mistry



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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.

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Editorial Review

Review

"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

About the Author

- 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.
- 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.

Users Review

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Thelma Brady:

Playing with family inside a park, coming to see the water world or hanging out with pals is thing that usually you could have done when you have spare time, subsequently why you don't try issue that really opposite from that. 1 activity that make you not sense tired but still relaxing, trilling like on roller coaster you are ride on and with addition details. Even you love Make: Bluetooth: Bluetooth LE Projects with Arduino, Raspberry Pi, and Smartphones, you can enjoy both. It is very good combination right, you still would like to miss it? What kind of hang-out type is it? Oh can happen its mind hangout folks. What? Still don't understand it, oh come on its referred to as reading friends.

Kathy Graves:

Make: Bluetooth: Bluetooth LE Projects with Arduino, Raspberry Pi, and Smartphones can be one of your beginning books that are good idea. We all recommend that straight away because this reserve has good vocabulary that will increase your knowledge in vocab, easy to understand, bit entertaining but nevertheless delivering the information. The writer giving his/her effort to get every word into satisfaction arrangement in writing Make: Bluetooth: Bluetooth LE Projects with Arduino, Raspberry Pi, and Smartphones but doesn't forget the main stage, giving the reader the hottest in addition to based confirm resource facts that maybe you can be certainly one of it. This great information can easily drawn you into completely new stage of crucial considering.

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