

IoT Projects with Bluetooth Low Energy (Paperback)



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Reviews

Absolutely among the finest pdf I have got possibly read. I am quite late in start reading this one, but better then never. It is extremely difficult to leave it before concluding, once you begin to read the book.
(Prof. Lois Cormier II)

IOT PROJECTS WITH BLUETOOTH LOW ENERGY (PAPERBACK)



Packt Publishing Limited, United Kingdom, 2017. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.Use the power of BLE to create exciting IoT applications About This Book * Build hands-on IoT projects using Bluetooth Low Energy and learn about Bluetooth 5 and its features. * Build a health tracking system, and indoor navigation and warehouse weather monitoring projects using smart devices. * Build on a theoretical foundation and create a practice-based understanding of Bluetooth Low Energy. Who This Book Is For If you re an application developer, a hardware enthusiast, or just curious about the Internet of Things and how to convert it into hands-on projects, then this book is for you. Having some knowledge of writing mobile applications will be advantageous. What You Will Learn * Learn about the architecture and IoT uses of BLE, and in which domains it is being used the most * Set up and learn about various development platforms (Android, iOS, Firebase, Raspberry Pi, Beacons, and GitHub) * Create an Explorer App (Android/iOS) to diagnose a Fitness Tracker * Design a Beacon with the Raspberry Pi and write an app to detect the Beacon * Write a mobile app to periodically poll the BLE tracking sensor * Compose an app to read data periodically from temperature and humidity sensors * Explore more applications of BLE with IoT * Design projects for both Android and iOS mobile platforms In Detail Bluetooth Low Energy, or Bluetooth Smart, is Wireless Personal Area networking aimed at smart devices and IoT applications. BLE has been increasingly adopted by application developers and IoT enthusiasts to establish connections between smart devices. This book initially covers all the required aspects of BLE, before you start working on IoT projects. In the initial stages of the book, you...



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