



Hacking Electronics: Learning Electronics with Arduino and Raspberry Pi, Second Edition (Paperback)

By Simon Monk

McGraw-Hill Education - Europe, United States, 2017. Paperback. Condition: New. 2nd Revised edition. Language: English . Brand New Book. Up-to-date hacks that will breathe life into your Arduino and Raspberry Pi creations! This intuitive DIY guide shows how to wire, disassemble, tweak, and re-purpose household devices and integrate them with your Raspberry Pi and Arduino inventions. Packed with full-color illustrations, photos, and diagrams, Hacking Electronics: Learning Electronics with Arduino and Raspberry Pi, Second Edition, features fun, easy-to-follow projects. You ll discover how to build an Internet-controlled hacked electric toy, ultrasonic rangefinder, remote-controlled robotic rover, audio amp, slot car brakes and headlights--even a smart card reader! - Get up and running on both Arduino and Raspberry Pi - Safely solder, join wires, and connect switches - Identify components and read schematic diagrams - Work with LEDs, including high-power Lumileds and addressable LED strips - Use LiPo batteries, solar panels, and buck-boost power supplies - Use sensors to measure light, temperature, acceleration, sound level, and color - Build and modify audio amps, microphones, and transmitters - Repair gadgets and scavenge useful parts from dead equipment - Get the most out of cheap or free bench and software tools.



Reviews

This publication is very gripping and interesting. It can be loaded with knowledge and wisdom I am just quickly will get a enjoyment of studying a composed pdf.

-- Terence Gutmann I

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