Learn Electronics with Raspberry Pi: Circuits, Games, Toys, and Tools 2016: Physical Computing with Circuits, Sensors, Outputs, and Projects

By Stewart Watkiss

aPress, United States, 2016. Paperback. Book Condition: New. 2016.. 254 x 178 mm. Language: English . Brand New Book. Learning electronics can be tremendous fun - your first flashing LED circuit is a reason to celebrate! But where do you go from there, and how can you move into more challenging projects without spending a lot of money on proprietary kits? One excellent answer is Raspberry Pi. Raspberry Pi is everywhere, it s inexpensive, and it s a wonderful tool for teaching about electronics and programming. Learn Electronics with Raspberry Pi shows you how to make a variety of cool projects using the Pi with programming languages like Scratch and Python, with no experience necessary. You ll learn how the Pi works, how to work with Raspbian Linux on the Pi, and how to design and create electronic circuits. You ll then create projects like an arcade game, disco lights, and infrared transmitter, and an LCD display. You ll also learn how to control Minecraft s Steve with a joystick and how to build a Minecraft house with a Pi, and even how to control a LEGO train with a Pi. You ll even learn how to create your own...

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