Raspberry Pi Python Projects: Servos, Stepper, DC Motors, Ultra Sonic Sensor, Infrared Detector, Thumb Joy Stick and More (Paperback)

By Herb Norbom

Createspace Independent Publishing Platform, 2017. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.Multiple projects for the Python3 programmer using the Raspberry Pi 3. The projects include sources for hardware, wiring diagrams and the complete printed source code. Some of the hardware does require Free downloads for drivers. Depending on your selection of components some soldering may be required. While the book includes the complete printed source code the digital or electronic code is available for a limited period for an additional fee, visit for details. Most of the projects will allow you to control the program from a Tkinter window and to display results within the window. The projects progress from recording the pressing of a Tactile button to more complex projects. The inclusion of programs using temperature, color, ultrasound and infrared sensors make this a great staring point for developing your robotic and other projects. With the temperature sensor you will be able to turn a fan on/off when a temperature is reached. The color sensor will enable your robot to detect and follow a black line. The colors detected are displayed on the Tkinter Canvas. The color hex values are also displayed....

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