

Get the most out of Raspberry Pi to build enthralling robotics projects About This Book Make your projects talk and understand speech with the Raspberry Pi Use a standard webcam to make your projects see and enhance vision capabilities Full of simple, easy-to-understand instructions to bring your Raspberry Pi online to develop robotics projects Describe how to access the GPIO pins to provide access to a wide array of additional hardware capabilities Who This Book Is For This book is for enthusiasts who want to use the Raspberry Pi to build complex robotics projects. With the aid of the step-by-step instructions in this book, you can construct complex robotics projects that can move, talk, listen, see, swim, or fly. No previous Raspberry Pi robotics experience is assumed, but even experts will find unexpected and interesting information in this invaluable guide. What You Will Learn Unbox, power-up, and configure Raspberry Pi with Ubuntu, a powerful version of Linux Exercise vision control in your projects to distinguish colors, patterns, or movements Apply and control speech software to enable your projects to speak Discover external hardware to enable your robotics projects to move Create complex robotics projects that can move, swim, or even fly Interact with your projects wirelessly so that they can be truly autonomous Use the GPIO to communicate with external sensors In Detail This book starts with the essentials of turning on the basic hardware. It provides the capability to interpret your commands and have your robot initiate actions. In this second edition, you will learn more specifics on how to use the Raspberry Pi's GPIO pins to communicate with and control a wide range of additional hardware. Teaching you to use the Raspberry Pi from scratch, this book will discuss a wide range of capabilities that can be achieved with it. These capabilities include voice recognition, human-like speech simulation, computer vision, motor control, GPS location, and wireless control. You will then learn how to combine these capabilities to create your own robotics projects. By the end of the book, you will be able to employ the Raspberry Pi to build some intricate and enthralling robotics projects with ease.

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This book is for enthusiasts who want to use the Raspberry Pi to build complex robotics projects. With the aid of the step-by-step instructions in Raspberry Pi A synopsis of the books content. More information on Raspberry Pi Robotics Projects Second Edition. About the Author Richard Grimmett has - 8 sec Watch [PDF Download] Raspberry Pi Robotics Projects - Second Edition [ Download] Full - 6 sec Read or download now <http://?book=1785280147> Download Raspberry Pi The NOOK Book (eBook) of the Raspberry Pi Robotics Projects - Second Edition by Richard Grimmett at Barnes & Noble. FREE Shipping on Get the Raspberry Pi Robotic Projects at Microsoft Store and compare This book is for enthusiasts who want to use Raspberry Pi to build complex robotics projects. Raspberry Pi Robotics Projects - Second Edition. Raspberry Pi Robotics Projects - Second Edition - Ebook written by Richard Grimmett. Read this book using Google Play Books app on your PC, android, iOS Raspberry Pi Robotics Projects - Second Edition (English Edition) Richard Grimmett ISBN: 9781785280146 Kostenloser Versand fur alle Bucher mit Versand Raspberry Pi Robotics Projects. This book starts with the essentials of turning on the basic hardware. It provides the capability to interpret your commands. Editorial Reviews.

About the Author. Richard Grimmett. Richard Grimmett has more fun working Raspberry Pi Robotics Projects - Second Edition. Richard This book is for enthusiasts who want to use the Raspberry Pi to build complex robotics projects. With the aid of the step-by-step instructions in this book, you can - 7 secWatch [PDF] Raspberry Pi Robotics Projects - Second Edition [Read] Full Ebook by Sliakaic Get the most out of Raspberry Pi to build enthralling robotics projects.Raspberry Pi Robotics Essentials Paperback – June 19, 2015 . Raspberry Pi Robotics Projects - Second Edition by Richard Grimmett Paperback \$44.99.

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