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Mastering the Olympus OM-D E-M5 Mark III Mastering the Olympus OM-D E-M1 Mark II **Mastering the Olympus OM-D E-M1 Mark III Mastering the Olympus OM-D E-M1** Mastering the Olympus OM-D E-M5 Mark II **Home Theater For Dummies Canon EOS 5D Mark II Raspberry Pi Supercomputing and Scientific Programming** *Take Control of Apple TV, 3rd Edition Canon PowerShot G11 Digital Field Guide* **Raspberry Pi For Dummies Droid 4 For Dummies** Raspberry Pi Image Processing Programming **BeagleBone Black Cookbook** *BeagleBone: Creative Projects for Hobbyists Galaxy S5: The Missing Manual Galaxy S4: The Missing Manual* Nikon D7100 Digital Field Guide **Programming for the Internet of Things** Nikon D5200 Digital Field Guide **Python 3 Image Processing** My Apple TV **Raspberry Pi Computer Vision Programming** A Hobbyist's Guide to THEC64 Mini Hudl For Dummies *Canon Rebel T6/EOS 1300D Raspberry Pi: Amazing Projects from Scratch* **Raspberry Pi By Example Federal Register** Maximum PC *Canon EOS Rebel T8i/850D For Dummies* **Deploying Raspberry Pi in the Classroom** *ODROID-C2 User Manual* **Canon EOS Rebel T3/1100D Digital Field Guide** *PC Mag* **Building the Perfect PC** *HWM* **Nikon D750 Motorola XOOM For Dummies** HWM

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HWM Sep 27 2019 Singapore's leading tech magazine gives its readers the power to decide with its informative articles and in-depth reviews.

A Hobbyist's Guide to THEC64 Mini Nov 09 2020 If you own a C64 and tinkered with it, you will definitely enjoy this book. I have collected a large collection of tips and tricks, hardware, useful software and many other interesting internet links for the Mini. Retro Games has answered my every question and covered every topic. As a result, a lot of official answers went into this book. The software solutions I present here will make it easier to use and extend the Mini with a variety of new games compared to the possibilities you have using the original menu. I mention some tools and tricks that make loading new games from an USB stick much easier and I will show you how you can use all your games from almost all Commodore file formats on the Mini. I found and interviewed dedicated users who took the Mini apart and analyzed the hardware. What gave birth from tinkering with the hardware is the information from which you now can benefit. For example, you can learn about the joystick and USB compatibilities, why delays can occur between a joystick action and the screen display and what you can do about it. Slightly more complex changes of the system are also possible e.g. you

can change the music menu, which seems dull at first, but is technically somehow more difficult to implement than you might think. I do hope that you will find a lot of suggestions to revive or deepen your love for the C64 in this book and that you will have a lot of fun playing and experimenting with it.

Deploying Raspberry Pi in the Classroom Mar 02 2020 Learn how to deploy Raspberry Pi computers in a classroom or lab situation and how to navigate the hardware and software choices you face. Deploying Raspberry Pi in the Classroom equips you with the skills and knowledge to plan and execute a deployment of Raspberry Pi computers in the classroom. Teachers and IT administrators at schools will see how to set up the hardware and software swiftly on your own or with the help of your students. Step-by-step instructions and practical examples walk you through building your Raspberry Pi workstations and your network, managing the computers and the network, and troubleshooting any problems that arise. This book offers several points to involve your students through hands-on activities. These activities are designed to benefit your beginner and older or more able students alike. Make Deploying Raspberry Pi in the Classroom a part of you instructional library today. What you will learn Put an easily-manageable computer on each desk for students to learn Internet use and essential office software skills Image, configure, and plan a classroom deployment of Raspberry Pi computers Manage your classroom Raspberry Pi computers and keeping them up and running smoothly and efficiently Who this book is for Primary audience would be teachers and IT administrators at schools or colleges. It will also appeal to administrators at social clubs or organizations that provide less formal tuition or simply provide Internet access.

Nikon D5200 Digital Field Guide Mar 14 2021 Everything you need to know in order to take amazing photos with your Nikon D5200 As one of Nikon's most advanced cameras offered in the entry-level line of dSLRs, the Nikon D5200 boasts a smarter

system for focusing and tracking moving subjects as well as a sharper sensor for capturing finely detailed images. This handy, portable field guide is filled with everything you want and need to know in order to take memorable photos with your Nikon D5200. Packed with full-color photos, this resource walks you through the camera's controls, features, and functions using step-by-step instructions along with color images of each menu screen. Details how to use the features, functions, and menu system of the Nikon D5200 Teaches you how, when, and why you should adjust white balance, autofocus, exposure, lenses Goes beyond camera settings to offer you a refresher guide to the principles of digital photography by covering the essentials of lighting, composition, and exposure Features helpful examples along with a variety of tips and tricks to capturing portraits, candids, sports, travel, macro photography, and more Includes a grey and color checker card to help you capture perfect color in any setting With so much helpful advice for getting the most out of your Nikon D5200, you'll be referencing this guide again and again.

Mastering the Olympus OM-D E-M5 Mark III Nov 02 2022 Mastering the Olympus OM-D E-M5 Mark III

Droid 4 For Dummies Nov 21 2021 Presents a step-by-step guide to the features and functions of the Droid 4 smartphone, covering such topics as texting, Internet access, video chatting, GPS navigation, and adding apps.

Motorola XOOM For Dummies Jul 26 2019 Zoom into the next generation of mobile pad technology with Xoom The buzz on Motorola's new Xoom tablet is that it's made of some pretty powerful hardware and boasts a larger screen, higher resolution, and a more powerful, dual-core CPU than other tablets on the market. On top of that, it runs on Android 3.0—the latest operating system designed specifically for tablets. Get thoroughly up to speed on the unique Motorola Xoom and take advantage of all the amazing things it can do with Motorola Xoom For Dummies. This full-color book is packed with practical how-tos,

Xoom features, smart techniques, and even insider info on the device, thanks to author Andy Rathbone's deep expertise. Learn how to browse the web, download apps, access social networks, customize your Xoom, track down the handiest accessories, and more. Gets you up to speed on the Motorola Xoom tablet Clarifies the basics of how to use it, how the technology works, how to configure everything, and which ten free apps and ten paid apps you absolutely must have Delivers a full slate of features, tips, tricks, and techniques, all in full color Walks you through basic training, browsing the web, sending and receiving e-mail, accessing social networks, downloading apps, using all the fun multimedia features—music, movies, photos, and books—and more Explores how to maintain and customize your Xoom and includes a handy list of Ten Tips 'n Tricks Get the very most out of the exciting Motorola Xoom. This jam-packed, full-color For Dummies guide makes it easy.

BeagleBone Black Cookbook Sep 19 2021 Over 60 recipes and solutions for inventors, makers, and budding engineers to create projects using the BeagleBone Black About This Book Learn how to develop applications with the BeagleBone Black and open source Linux software Sharpen your expertise in making sophisticated electronic devices Explore the BeagleBone Black with this easy-to-succeed recipe format Who This Book Is For If you are a hardware, Linux, and/or microcomputing novice, or someone who wants more power and possibilities with product prototypes, electronic art projects, or embedded computing experiments, then this book is for you. It is for Internet of Things enthusiasts who want to use more sophisticated hardware than the Raspberry Pi or the Arduino can provide. Whether you are an engineering student, a DIYer, an inventor, or a budding electronics enthusiast, this book delivers accessible, easy-to-succeed instructions for using an advanced microcomputing platform. What You Will Learn Set up and run the BeagleBone Black for the first time Learn the basics of microcomputing and

Linux using the command line and easy kernel mods Make introductory projects with Python, JavaScript, BoneScript, and Node.js Explore physical computing and simple circuits using buttons, LEDs, sensors, and motors Discover the unique features of the BeagleBone Black and its real-time computing functions Build intermediate level audio and video applications Assemble and add ingredients for creating Internet of Things prototypes In Detail There are many single-board controllers and computers such as Arduino, Udoo, or Raspberry Pi, which can be used to create electronic prototypes on circuit boards. However, when it comes to creating more advanced projects, BeagleBone Black provides a sophisticated alternative. Mastering the BeagleBone Black enables you to combine it with sensors and LEDs, add buttons, and marry it to a variety of add-on boards. You can transform this tiny device into the brain for an embedded application or an endless variety of electronic inventions and prototypes. With dozens of how-tos, this book kicks off with the basic steps for setting up and running the BeagleBone Black for the first time, from connecting the necessary hardware and using the command line with Linux commands to installing new software and controlling your system remotely. Following these recipes, more advanced examples take you through scripting, debugging, and working with software source files, eventually working with the Linux kernel. Subsequently, you will learn how to exploit the board's real-time functions. We will then discover exciting methods for using sound and video with the system before marching forward into an exploration of recipes for building Internet of Things projects. Finally, the book finishes with a dramatic arc upward into outer space, when you explore ways to build projects for tracking and monitoring satellites. Style and approach This comprehensive recipe book deconstructs a complex, often confusing piece of technology, and transforms it to become accessible and fun with snappy, unintimidating prose, and extensive easy-to-succeed instructions.

Federal Register Jun 04 2020

Mastering the Olympus OM-D E-M5 Mark II Jun 28 2022

Canon EOS Rebel T8i/850D For Dummies Apr 02 2020 Learn to take gorgeous photos with this beginner-friendly guide to dSLR photography The Canon EOS Rebel T8i/850D dSLR camera has dozens of features that can help you take beautiful and striking photos. But if you're new to photography, where do you begin? And is it possible to get up to speed quickly, without a lot of technical knowledge? Absolutely! In Canon EOS Rebel T8i/850D For Dummies, expert photography educator Julie King draws on her years of experience as she walks you through the ins and outs of photography and your Canon camera. Julie skips the technical jargon and gives you the info you need in plain language, guiding you through everything from shooting your first photos in auto mode to taking full control of your camera's features. In the book you'll: Take the fast track to stunning stills with camera setup, picture settings, and Canon's Auto Mode Customize your picture taking experience by taking control of settings like exposure and focus Access and organize your new picture library both on your camera and your computer Perfect for anyone who's just received a Canon EOS Rebel and doesn't know where to begin, this book will also earn a place in the libraries of more seasoned photographers who want to unlock everything this great camera has to offer.

Raspberry Pi Supercomputing and Scientific Programming Mar 26 2022 Build an inexpensive cluster of multiple Raspberry Pi computers and install all the required libraries to write parallel and scientific programs in Python 3. This book covers setting up your Raspberry Pis, installing the necessary software, and making a cluster of multiple Pis. Once the cluster is built, its power has to be exploited by means of programs to run on it. So, Raspberry Pi Supercomputing and Scientific Programming teaches you to code the cluster with the MPI4PY library of Python 3. Along the way, you will learn the concepts of the Message Passing Interface

(MPI) standards and will explore the fundamentals of parallel programming on your inexpensive cluster. This will make this book a great starting point for supercomputing enthusiasts who want to get started with parallel programming. The book finishes with details of symbolic mathematics and scientific and numerical programming in Python, using SymPi, SciPy, NumPy, and Matplotlib. You'll see how to process signals and images, carry out calculations using linear algebra, and visualize your results, all using Python code. With the power of a Raspberry Pi supercomputer at your fingertips, data-intensive scientific programming becomes a reality at home. What You Will Learn Discover the essentials of supercomputing Build a low-cost cluster of Raspberry Pis at home Harness the power of parallel programming and the Message Passing Interface (MPI) Use your Raspberry Pi for symbolic, numerical, and scientific programming Who This Book Is For Python 3 developers who seek the knowledge of parallel programming, Raspberry Pi enthusiasts, researchers, and the scientific Python community.

Canon Rebel T6/EOS 1300D Sep 07 2020 The Canon Rebel T6/EOS 1300D is a budget-friendly, entry-level DSLR, an upgrade on the extremely popular Rebel T5/EOS 1200D. This book offers the perfect guide to mastering the full creative possibilities of this camera.

Nikon D7100 Digital Field Guide May 16 2021 Everything you need to know to take full advantage of yourNikon D7100 As a well-rounded, feature-rich dSLR, the new Nikon D7100 is acompact lightweight camera that is loaded with sophisticatedfeatures. This full-color guide is packed with expert advice thatwill both educate and inspire you to take amazing photographs withyour Nikon D7100. Filled with stunning images by author andphotographer J. Dennis Thomas, this guide goes beyond the owner'smanual to offer you helpful tips, tricks, and techniques for usingthe camera's many features and explains when and how to use eachfunction. Features a handy trim size so

the book can go where you go,allowing you to frequently refer to the professional-leveltechniques for capturing memorable photos and handling trickysituations Includes full-color images of each menu screen to reinforceyour understanding Contains a grey and color checker card to help you captureperfect white balance and color in any environment Shares helpful examples that offer advice on taking portraits,candids, sports, travel, macro photography, and much more Nikon D7100 Digital Field Guide is the perfect portablecompanion to your new Nikon D7100!

ODROID-C2 User Manual Jan 30 2020 Congratulations on purchasing the ODROID-C2! It is one of the most powerful low-cost 64-bit Single Board Computers available, as well as being an extremely versatile device. Featuring a fast, quad-core AmLogic processor, advanced Mali GPU, and Gigabit Ethernet, it can function as a home theater set-top box, a general purpose computer for web browsing, gaming and socializing, a compact tool for college or office work, a prototyping device for hardware tinkering, a controller for home automation, a workstation for software development, and much more. Some of the modern operating systems that run on the ODROID-C2 are Ubuntu, Android, and ARCH Linux, with thousands of free open-source software packages available. The ODROID-C2 is an ARM device, which is the most widely used architecture for mobile devices and embedded computing. The ARM processor's small size, reduced complexity and low power consumption makes it very suitable for miniaturized devices such as wearables and embedded controllers.

BeagleBone: Creative Projects for Hobbyists Aug 19 2021 Learn to build amazing robotic projects using the powerful BeagleBone Black. About This Book Push your creativity to the limit through complex, diverse, and fascinating projects Develop applications with the BeagleBone Black and open source Linux software Sharpen your expertise in making sophisticated electronic devices Who This Book Is For This Learning Path is aimed at hobbyists

who want to do creative projects that make their life easier and also push the boundaries of what can be done with the BeagleBone Black. This Learning Path's projects are for the aspiring maker, casual programmer, and budding engineer or tinkerer. You'll need some programming knowledge, and experience of working with mechanical systems to get the complete experience from this Learning Path. What You Will Learn Set up and run the BeagleBone Black for the first time Get to know the basics of microcomputing and Linux using the command line and easy kernel mods Develop a simple web interface with a LAMP platform Prepare complex web interfaces in JavaScript and get to know how to stream video data from a webcam Find out how to use a GPS to determine where your sailboat is, and then get the bearing and distance to a new waypoint Use a wind sensor to sail your boat effectively both with and against the wind Build an underwater ROV to explore the underwater world See how to build an autonomous Quadcopter In Detail BeagleBone is a microboard PC that runs Linux. It can connect to the Internet and run OSes such as Android and Ubuntu. You can transform this tiny device into a brain for an embedded application or an endless variety of electronic inventions and prototypes. This Learning Path starts off by teaching you how to program the BeagleBone. You will create introductory projects to get yourselves acquainted with all the nitty gritty. Then we'll focus on a series of projects that are aimed at hobbyists like you and encompass the areas of home automation and robotics. With each project, we'll teach you how to connect several sensors and an actuator to the BeagleBone Black. We'll also create robots for land, sea, and water. Yes, really! The books used in this Learning Path are: BeagleBone Black Cookbook BeagleBone Home Automation Blueprints Mastering BeagleBone Robotics Style and approach This practical guide transforms complex and confusing pieces of technology to become accessible with easy- to-succeed instructions. Through

clear, concise examples, you will quickly get to grips with the core concepts needed to develop home automation applications with the BeagleBone Black.

Mastering the Olympus OM-D E-M1 Mark III Aug 31 2022 Olympus launched the OM-D E-M1 Mark III camera with a specific purpose in mind: to create a Micro Four Thirds camera for professional and advanced enthusiast photographers. As the flagship Micro Four Thirds camera, the E-M1 Mark III is the peak of the Olympus digital imaging system. It is a true system camera for those who demand the best in cameras, lenses, and image quality.

Darrell Young's *Mastering the Olympus OM-D E-M1 Mark III* explores the features and capabilities of the camera in a way that far surpasses the user's manual. It is designed to guide readers through the camera's features with step-by-step setting adjustments; color illustrations; and detailed how, when, and why explanations for each option. Every button, dial, switch, and menu configuration setting is explored in a user-friendly manner, with suggestions for setup according to various shooting styles. Darrell's friendly and informative writing style allows readers to easily follow directions while feeling as if a friend dropped in to share his knowledge. The learning experience for new E-M1 Mark III users goes beyond just the camera itself and covers basic photography technique. TABLE OF CONTENTS

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Ch 6: Custom Menu
Ch 7: Setup Menu
Ch 8: Recording Video
Appendix – Button Functions Reference

Building the Perfect PC Oct 28 2019
Home Theater For Dummies May 28 2022 Overwhelmed with big screen TV and home theater audio options? What do you need to build the perfect home theater experience? Home Theater For Dummies, 3rd Edition shows you how to plan a home theater system and choose components that fit your budget and your room. Beginning with the most basic information, this guide helps you choose what you need and put it all together. It explains DLP, 3LCD, HDMI, DTV, and HDTV so you can talk intelligently with salespeople at the electronics store. You'll find out about Blu-ray, explore HD and satellite radio options, and see how to incorporate a Wii, Xbox, or Playstation 3 into your set-up. Learn to: Choose among plasma, LCD, and projection TVs Know the difference between digital TV and HDTV Assess and choose an LCD TV, a new 3D TV, or an HD radio Set up your audio system and TV for maximum performance Use a Media Center or Home Theater PC Fine-tune your system and add cool touches such as accessing home theater content from your cell phone Explore HD and satellite radio options, CD players, DVD-Audio disks, and options for old cassettes and vinyl Set up your system with the proper cables for each component, or learn what it takes to go wireless Calibrate your video with a calibration disk, an optical comparator, or a DVD containing THX Optimizer Get the perfect home theater experience by following the expert tips and techniques presented in Home Theater For Dummies, 3rd Edition. You'll be watching movies and listening to audio in no time!
Canon EOS 5D Mark II Apr 26 2022 - Will help owners of this just-released Canon model master the camera's new full 1080p HD video recording mode along with the other outstanding features on this highly innovative compact, full-frame digital SLR camera.
Raspberry Pi Computer Vision Programming Dec 11 2020 Perform a wide variety of computer vision tasks such as image processing and manipulation, feature and object detection, and

image restoration to build real-life computer vision applications Key FeaturesExplore the potential of computer vision with Raspberry Pi and Python programmingPerform computer vision tasks such as image processing and manipulation using OpenCV and Raspberry PiDiscover easy-to-follow examples and screenshots to implement popular computer vision techniques and applicationsBook Description Raspberry Pi is one of the popular single-board computers of our generation. All the major image processing and computer vision algorithms and operations can be implemented easily with OpenCV on Raspberry Pi. This updated second edition is packed with cutting-edge examples and new topics, and covers the latest versions of key technologies such as Python 3, Raspberry Pi, and OpenCV. This book will equip you with the skills required to successfully design and implement your own OpenCV, Raspberry Pi, and Python-based computer vision projects. At the start, you'll learn the basics of Python 3, and the fundamentals of single-board computers and NumPy. Next, you'll discover how to install OpenCV 4 for Python 3 on Raspberry Pi, before covering major techniques and algorithms in image processing, manipulation, and computer vision. By working through the steps in each chapter, you'll understand essential OpenCV features. Later sections will take you through creating graphical user interface (GUI) apps with GPIO and OpenCV. You'll also learn to use the new computer vision library, Mahotas, to perform various image processing operations. Finally, you'll explore the Jupyter Notebook and how to set up a Windows computer and Ubuntu for computer vision. By the end of this book, you'll be able to confidently build and deploy computer vision apps. What you will learnSet up a Raspberry Pi for computer vision applicationsPerform basic image processing with libraries such as NumPy, Matplotlib, and OpenCVDemonstrate arithmetical, logical, and other operations on imagesWork with a USB webcam and the Raspberry Pi Camera ModuleImplement low-pass and high-pass filters and understand their applications

in image processingCover advanced techniques such as histogram equalization and morphological transformationsCreate GUI apps with Python 3 and OpenCVPerform machine learning with K-means clustering and image quantizationWho this book is for This book is for beginners as well as experienced Raspberry Pi and Python 3 enthusiasts who are looking to explore the amazing world of computer vision. Working knowledge of the Python 3 programming language is assumed.

Raspberry Pi: Amazing Projects from Scratch Aug 07 2020 Explore the powers of Raspberry Pi and build your very own projects right out of the box About This Book From robotics to gaming, this Learning Path will unlock your creativity! Build your own impressive IoT projects to transform your home Featuring some of Packt's very best Raspberry Pi content, this Learning Path doesn't just get you to your destination – it opens up a whole horizon of possibilities! Who This Book Is For Want new ideas for your next Raspberry Pi project? Got one lying around gathering dust? This Learning Path gets you straight into the creative dirty work of programming and playing with your pi. Whether your new to Raspberry Pi, or an experienced maker, we think this Learning Path will inspire you and get your creative juices flowing! What You Will Learn Discover an aweome range of Raspberry Pi projects Bridge the gap between software and hardware through your Pi and find out how to make an operating system interact with cameras and other hardware Find out how to use your Raspberry Pi for gaming Secure your home with this tiny computer! Make science fiction a reality – build a walking robot In Detail Looking for inspiration for your next Raspberry Pi project? Not sure where to begin? This Learning Path is the perfect place to begin, providing you with an accessible yet comprehensive journey through Raspberry Pi. Following three modules, you'll soon be confident and prepared to get creative with your microcomputer. Raspberry Pi by Example is the first module in this Learning Path – and it does exactly what it says. It

doesn't just teach, it shows you how to go and build some awesome Raspberry Pi projects immediately. Build and play your own games with the Pi, build a complete Internet of Things home automation system that controls your house through Twitter... let your imagination run wild! In the next module we'll look in more depth at building a home security system. You'll be using some of the skills you devoped through the first module, but apply them to something more intricate and impressive. Using a Linux based operating system as the foundations, you'll gradually build up an entire security infrastructure adding cameras, remote controls, and even intrusion alerts! In the final module, we'll take you into the world of Raspberry Pi robotics. By the end of it, you'll have built a biped robot that can interact with its environment! This Learning Path combines some of the best that Packt has to offer in one complete, curated package. It includes content from the following Packt products: Raspberry Pi By Example by Ashwin Pajankar and Arush Kakkar Building a Home Security System with Raspberry Pi by Matthew Pole Raspberry Pi Robotics Essentials by Richard Grimmett Style and approach It's not every day you build a home automation system. It's not every day you build a walking robot. But with this Learning Path you'll do just that. So get started and let this tiny computer expand your imagination.

Take Control of Apple TV, 3rd Edition Feb 22 2022 Everything you need to know about the Apple TV! Version 3.3, updated November 09, 2022 Whether you're considering an Apple TV, already own one, or have a smart TV or streaming device that supports AirPlay and/or the Apple TV app, you can more fully enjoy Apple's ecosystem with this ultimate guide by TidBITS managing editor Josh Centers. You'll learn about the best TVs and sound equipment to buy, how to maximize your Apple TV's picture quality, get the most out of the Apple TV app, control your media with AirPlay, and so much more! Josh walks you through cables, ports, and setup, and explains how to use gestures and spoken

commands with the Siri Remote—yes, you can talk to your TV! He helps you navigate and customize the Home screen, plus describes getting-started settings such as inputting your Apple ID and enabling parental controls. You'll learn how to use the TV app (whether on the Apple TV box itself, on a Mac running Ventura, Monterey, Big Sur, or Catalina; on an iPhone or iPad; or on a third-party smart TV), and how you can best view home movies and TV shows. The book also looks at using an Apple TV to listen to your music or Apple Music, download and play podcasts from the Podcasts app, and browse your photos. In Take Control of Apple TV you'll also read about: • What's new in tvOS 16 • Which Apple TV model to buy—or whether you should get different hardware instead • Getting the most out of your the Siri Remote (either version) • Alternatives to the Siri Remote • Using a game controller with Apple TV • Controlling Apple TV with Shortcuts • Using AirPlay to beam the display of your Mac or iPhone screen to your TV • Making Mac or iOS/iPadOS audio play through your TV's speakers • Running iTunes Home Sharing to play media from a local computer • What you can do with Conference Room Display mode • How to tell whether an iOS/iPadOS app includes a free copy of its Apple TV version • How to reset or restore an Apple TV—useful for troubleshooting or for handing your device to a new owner

Hudl For Dummies Oct 09 2020 The essential beginner's guide to the UK's most popular new tablet Hudl For Dummies is the indispensible guide to Tesco's highly successful Android tablet. With hands-on instruction tailored to the entry-level user, this book provides expert guidance in clear, concise language to help you get the most out of this great new device. Seasoned technology author Rosie Hattersley walks you through each step, from opening the box to setting up e-mail, accessing Blinkbox, shopping online and more. Even if you're a newcomer to tablet technology, this book will have you up and running in a flash! By utilizing groundbreaking technology, it's no wonder analysts

expect the Hudl to become the UK's leading tablet. While the device itself is intuitive, the Hudl's infinite possibilities can be a bit of a mystery to new users. Hudl For Dummies is the definitive guide to the device, helping you access the full capabilities of your new tablet. Gain a complete understanding of how to get up and running with the Tesco Hudl Download and launch apps with your new tablet to make it a workhorse or an entertainment system Discover how to access the Internet, e-mail, films, music and books Shop online with your new device and find out how to buy Hudl accessories An entire chapter on troubleshooting allows you to bypass the repair shop for minor issues, and gives you the confidence to adjust settings and preferences without the worry of messing something up. Whether you're transitioning to the Hudl from another tablet, or are new to tablets entirely, Hudl For Dummies will take you from a new user to full-fledged Hudl devotee.

Raspberry Pi By Example Jul 06 2020 Start building amazing projects with the Raspberry Pi right out of the box About This Book Explore the vast range of opportunities provided by Raspberry Pi and other hardware components such as a webcam, the Pi camera, and sensors Get hands-on experience with coding, networking, and hardware with the Raspberry Pi platform Learn through ample screenshots that offer a play-by-play account of how to implement Raspberry-Pi-based real-life projects Who This Book Is For What's the best way to learn how to use your Raspberry Pi? By example! If you want something exciting to do whilst getting to grips with what your Pi can offer, this is the book for you. With both simple and complex projects, you'll create a wide variety of cool toys and functions with your Raspberry Pi - all with minimal coding experience necessary. What You Will Learn Set up your Raspberry Pi and get it ready for some interesting real-life projects Work with images, videos, webcams, and the Pi camera and create amazing time-lapse videos Explore the amazing world of Minecraft Pi Get to know how to use PiGlow for

GPIO programming Interface your Pi with Grove Sensors and implement IoT applications Build your own cluster with Raspberry Pi Understand the networking and network programming fundamentals In Detail Want to put your Raspberry Pi through its paces right out of the box? This tutorial guide is designed to get you learning all the tricks of the Raspberry Pi through building complete, hands-on hardware projects. Speed through the basics and then dive right in to development! Discover that you can do almost anything with your Raspberry Pi with a taste of almost everything. Get started with Pi Gaming as you learn how to set up Minecraft, and then program your own game with the help of Pygame. Turn the Pi into your own home security system with complete guidance on setting up a webcam spy camera and OpenCV computer vision for image recognition capabilities. Get to grips with GPIO programming to make a Pi-based glowing LED system, build a complete functioning motion tracker, and more. Finally, get ready to tackle projects that push your Pi to its limits. Construct a complete Internet of Things home automation system with the Raspberry Pi to control your house via Twitter; turn your Pi into a super-computer through linking multiple boards into a cluster and then add in advanced network capabilities for super speedy processing! Style and approach This step-by-step guide to building Raspberry-Pi-based projects is explained in a conversational and easy-to-follow style. Each topic is explained sequentially in the process of creating real-life projects, and detailed explanations of the basic and advanced features of various Python libraries are also included.

Galaxy S4: The Missing Manual Jun 16 2021 Galaxy S4 is amazing right out of the box, but if you want to get the most of out your S4 or S4 Mini, start here. With clear instructions and savvy advice from technology expert Preston Gralla, you'll learn how to go online, play games, listen to music, watch movies & TV, monitor your health, and answer calls with a wave of your hand. The important stuff you need to know: Be connected. Browse the Web,

manage email, and download apps through WiFi or S4's 3G/4G network. Navigate without touch. Use Air Gestures with your hand, or scroll with your eyes using Smart Screen. Find new ways to link up. Chat, videochat, and add photos, video, or entire slideshows to text messages. Get together with Group Play. Play games or share pictures, documents, and music with others nearby. Create amazing images. Shoot and edit photos and videos—and combine images from the front and back cameras. Keep music in the cloud. Use Google Play Music to store and access tunes. Check your schedule. Sync the S4 with your Google and Outlook calendars.

Programming for the Internet of Things Apr 14 2021 Rapidly implement Internet of Things solutions Creating programs for the Internet of Things offers you an opportunity to build and program custom devices whose functionality is limited only by your imagination. This book teaches you to do exactly that, with solutions presented in a step-by-step format. When you read this book, you not only learn the fundamentals of device programming, you will also be ready to write code for revolutionizing devices and robots. You don't need to be an expert in low-level programming to benefit from this book. It explains basic concepts and programming techniques before diving into the more complicated topics. Each of the book's chapters and appendices contains a suitable level of detail to help you quickly master device programming. MCP Dawid Borycki shows you how to: Build Universal Windows Platform (UWP) applications that target interconnected embedded devices Design and implement background apps for seamless integration with hardware components Use intrinsic UWP functionality to detect and track human faces Build artificial auditory, visual, and learning systems Process audio signals to blink LEDs to the rhythm of music Use OpenCV to develop custom image-processing algorithms Communicate with external devices by using serial, USB, Wi-Fi, and AllJoyn connectivity Design and implement applications to

control DC, stepper, and servo motors for robotics Use Microsoft Cognitive Services to detect human emotions Build predictive analysis and preventive maintenance systems by using the Azure IoT Suite

Canon EOS Rebel T3/1100D Digital Field Guide Dec 31 2019 Learn to use every feature of your Canon T3/1100D and get great shots every time Digital Field Guides offer step-by-step information about digital camera controls as well as tips and techniques for getting great photos in various common situations. This handy guide, perfectly sized to fit in a camera bag, explains how to use every button, dial, and setting on your Rebel T3/1100D and also covers using the improved HD video features, and in-camera movie editing options. Illustrated with the author's outstanding photos, the book provides recipes for getting the photo you want in any environment. The EOS Rebel T3/1100D is Canon's newest entry-level dSLR camera, offering a streamlined and simplified experience for new dSLR users This book explains every camera control, showing you how to use all the buttons, dials, and settings Cover the exciting new HD video features and offers suggestions for getting outstanding shots in common shooting situations Small-trim design makes it easy to take this guide along whenever you use your camera Includes a gray card and color checker card used to maintain accurate color and white balance New dSLR camera users will get up to speed quickly with the easy-to-follow guidance in this handy field guide.

Raspberry Pi Image Processing Programming Oct 21 2021 Write your own Digital Image Processing programs with the use of pillow, scipy.ndimage, and matplotlib in Python 3 with Raspberry Pi 3 as the hardware platform. This concise quick-start guide provides working code examples and exercises. Learn how to interface Raspberry Pi with various image sensors. What You'll Learn Understand Raspberry Pi concepts and setup Understand digital image processing concepts Study pillow, the friendly PIL fork Explore scipy.ndimage and matplotlib Master use of the Pi

camera and webcam Who This Book Is For Raspberry Pi and IoT enthusiasts, digital image processing enthusiasts, Python and Open Source enthusiasts and professionals

PC Mag Nov 29 2019 PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.

Mastering the Olympus OM-D E-M1 Mark II Oct 01 2022 Olympus launched the OM-D E-M1 Mark II camera with a specific purpose in mind: to create a Micro Four Thirds camera for professional and advanced enthusiast photographers. As the flagship Micro Four Thirds camera, the E-M1 Mark II is the peak of the Olympus digital imaging system. It is a true system camera for those who demand the best in cameras, lenses, and image quality. Darrell Young's *Mastering the Olympus OM-D E-M1 Mark II* explores the features and capabilities of the camera in a way that far surpasses the user's manual. It is designed to guide readers through the camera's features with step-by-step setting adjustments; color illustrations; and detailed how, when, and why explanations for each option. Every button, dial, switch, and menu configuration setting is explored in a user-friendly manner, with suggestions for setup according to various shooting styles. Darrell's friendly and informative writing style allows readers to easily follow directions while feeling as if a friend dropped in to share his knowledge. The learning experience for new E-M1 Mark II users goes beyond just the camera itself and covers basic photography technique. p.p1 {margin: 0.0px 0.0px 0.0px 0.0px; font: 11.0px Verdana} p.p2 {margin: 0.0px 0.0px 0.0px 0.0px; font: 11.0px Verdana; min-height: 13.0px}

Python 3 Image Processing Feb 10 2021 Gain a working knowledge of practical image processing and with scikit-image DESCRIPTION The book has been written in such a way that the concepts are explained in detail, giving adequate emphasis on

code examples. To make the topics more comprehensive, screenshots and code samples are furnished extensively throughout the book. The book is conceptualized and written in such a way that the beginner readers will find it very easy to understand the concepts and implement the programs. The book also features the most current version of Raspberry Pi and associated software with it. This book teaches novice beginners how to write interesting image processing programs with scientific Python ecosystem. The book will also be helpful to experienced professionals to make transition to rewarding careers in scientific Python and computer vision. KEY FEATURES Comprehensive coverage of various aspects of scientific Python and concepts in image processing. Covers various additional topics such as Raspberry Pi, conda package manager, and Anaconda distribution of Python. Simple language, crystal clear approach, and straight forward comprehensible presentation of concepts followed by code examples and output screenshots. Adopting user-friendly style for explanation of code examples. WHAT WILL YOU LEARN Raspberry Pi, Python 3 Basics Scientific Python Ecosystem NumPy and Matplotlib Visualization with Matplotlib Basic NumPy, Advanced Image Processing with NumPy and Matplotlib Getting started with scikit-image Thresholding, Histogram Equalization, and Transformations Kernels, Convolution, and Filters Morphological Operations and Image Restoration Noise Removal and Edge Detection Advanced Image Processing Operations WHO THIS BOOK IS FOR Students pursuing BE/BSc/ME/MSc/BTech/MTech in Computer Science, Electronics, Electrical, and Mathematics Python enthusiasts Computer Vision and Image Processing professionals Anyone fond of tinkering with Raspberry Pi Researchers in Computer Vision Table of Contents 1. Concepts in Image Processing 2. Installing Python 3 on Windows 3.Introduction to Raspberry Pi 4. Python 3 Basics 5. Introduction to the Scientific Python Ecosystem 6. Introduction to NumPy and Matplotlib 7. Visualization with

Matplotlib 8.Basic Image Processing with NumPy and Matplotlib 9. Advanced Image Processing with NumPy and Matplotlib 10. Getting Started with Scikit-Image 11. Thresholding Histogram Equalization and Transformations 12. Kernels, Convolution and Filters 13. Morphological Operations and Image Restoration 14. Noise Removal and Edge Detection 15. Advanced Image Processing Operations 16. Wrapping Up

Mastering the Olympus OM-D E-M1 Jul 30 2022 Olympus launched the OM-D E-M1 camera with a specific purpose in mind: to create a Micro Four Thirds camera for professional and advanced enthusiast photographers. As the flagship Micro Four Thirds camera, the E-M1 is the peak of the Olympus digital imaging system. It is a true system camera for those who demand the best in cameras, lenses, and image quality. Darrell Young's Mastering the Olympus OM-D E-M1 explores the features and capabilities of the camera in a way that far surpasses the user's manual. It is designed to guide readers through the camera's features with step-by-step setting adjustments; color illustrations; and detailed how, when, and why explanations for each option. Every button, dial, switch, and menu configuration setting is explored in a user-friendly manner, with suggestions for setup according to various shooting styles. Darrell's friendly and informative writing style allows readers to easily follow directions while feeling as if a friend dropped in to share his knowledge. The learning experience for new E-M1 users goes beyond just the camera itself and covers basic photography technique. This book is based on firmware 3.0.

Maximum PC May 04 2020 Maximum PC is the magazine that every computer fanatic, PC gamer or content creator must read. Each and every issue is packed with punishing product reviews, insightful and innovative how-to stories and the illuminating technical articles that enthusiasts crave.

Galaxy S5: The Missing Manual Jul 18 2021 Get the most out of Samsung's Galaxy S5 smartphone right from the start. With clear

instructions from technology expert Preston Gralla, this Missing Manual gives you a guided tour of Samsung's new flagship phone, including great new features such as the fingerprint scanner, heart rate sensor, and Download Booster. You'll get expert tips and tricks for playing music, calling and texting, shooting photos and videos, and even getting some work done. The important stuff you need to know: Get connected. Browse the Web, manage email, and download apps from Google Play through WiFi or 3G/4G network. Keep in touch. Call, text, chat, videochat, conduct conference calls, and reach out with Facebook and Twitter. Capture and display images. Shoot, edit, show, and share photos, slideshows, and high-definition videos. Play and manage your music. Buy music from Google Play or Amazon and listen to it with Galaxy S5's Music app. Work anywhere. Access your files, company network, calendar, and contacts—and work with Google Docs. Connect to Google Maps. Use geolocation and turn-by-turn drive directions to find your way. Stay fit with S Health. Use this built-in app to keep track of fitness goals, walking, heart rate, blood pressure, and more.

HWM Jun 24 2019 Singapore's leading tech magazine gives its readers the power to decide with its informative articles and in-depth reviews.

My Apple TV Jan 12 2021 Step-by-step instructions with callouts to Apple TV screenshots that show you exactly what to do. Help when you run into problems or limitations. Tips and Notes to help you get the most from Apple TV. Full-color, step-by-step tasks walk you through doing everything you want to do with your Apple TV. Learn how to: Set up your Apple TV–and how to do it faster with an iPhone Control a home entertainment system using the Apple TV Use Siri to find content, launch apps, and get useful information Rent and buy movies and TV shows from iTunes Stream video from Netflix®, Hulu, HBO®, and Showtime® Find every app that offers the movie or TV show you're looking for with just one search Make your Apple TV even more fun by

finding and using the best apps and games Use your Apple TV remote as a motion-sensitive game controller Enjoy music on your TV, including how to use Apple Music Set restrictions to prevent kids from accessing adult material Control your Apple TV using an iPhone Customize your Apple TV to fit how you use it Configure settings for people with visual impairments Solve common problems with the device Discover the hidden features and shortcuts that let you truly master the Apple TV Register Your Book at www.quepublishing.com/register and save 35% off your next purchase.

Raspberry Pi For Dummies Dec 23 2021 Get your slice of Raspberry Pi With the invention of the unique credit card-sized single-board computer comes a new wave of hardware geeks, hackers, and hobbyists who are excited about the possibilities with the Raspberry Pi—and this is the perfect guide to get you started. With this down-to-earth book, you'll quickly discover why the Raspberry Pi is in high demand! There's a reason the Raspberry Pi sold a million units in its first year, and you're about to find out why! In Raspberry Pi For Dummies, 3rd Edition veteran tech authors Sean McManus and Mike Cook make it easier than ever to get you up and running on your Raspberry Pi, from setting it up, downloading the operating system, and using the desktop environment to editing photos, playing music and videos, and programming with Scratch—and everything in between. Covers connecting the Pi to other devices such as a keyboard, mouse, monitor, and more Teaches you basic Linux System Admin Explores creating simple hardware projects Shows you how to create web pages Raspberry Pi For Dummies, 3rd Edition makes computing as easy as pie!

Canon PowerShot G11 Digital Field Guide Jan 24 2022 Get the very most out of your Canon PowerShot G11 camera. Now that you've got a new Canon PowerShot G11 10.0 megapixel digital camera, take this handy book along to help you tap all the tricks and features that your cool new camera has to offer. Canon

PowerShot G11 Digital Field Guide, sized perfectly to fit in your camera bag, includes pages of step-by-step techniques, beautiful full-color examples, and professional tips sure to help you capture exactly the images you want. Understand all the technology your new camera has to offer—such as new face recognition software, a 5x optical zoom, faster electronics, and much more—with this step-by-step guide. It's so handy, you can check for tips while you're shooting! Provides no-fail techniques for getting the most out of your Canon PowerShot G11 digital camera Walks you through the PowerShot G11's new features and functions, including face recognition software, 5x optical zoom, RAW image format capture, a wider aperture than standard PowerShot models, faster electronics, and remote capture Elevates your photography skills to a new level with photography secrets from professional photographer and author Charlotte Lowrie Teaches you photography essentials and offers beautiful, full-color examples to inspire you on your next shoot Move from standard shots to power shots with Canon PowerShot G11 Digital Field Guide.

Nikon D750 Aug 26 2019 A guide to the Nikon D750 camera provides information on the camera's modes, shooting subjects in motion, portrait and landscape photography, mood lighting, advanced techniques, and accessories.