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Beginning Kinect Programming with the Microsoft Kinect SDK Jan 07 2021 Beginning Kinect Programming with the Microsoft Kinect SDK gets you up and running developing Kinect applications for your PC using Microsoft tools and the official SDK. You will have a working Kinect program by the end of the first chapter! The following chapters will open up the secrets of three-dimensional vision, skeleton tracking, audio through the Kinect, and more. Examples illustrate the concepts in the form of simple games that react to your body movements. The result is a fun read that helps you learn one of the hottest technologies out there today. Beginning Kinect Programming with the Microsoft Kinect SDK also provides building blocks and ideas for mashing up the Kinect with other technologies to create art, interactive games, 3D models and enhanced office automation. You'll learn the fundamental code basic to almost all Kinect applications. You'll learn to integrate that code with other tools and manipulate data to create amazing Kinect applications. Beginning Kinect Programming with the Microsoft Kinect SDK is your gateway into the exciting world of three-dimensional, real-time computer interaction. Helps you create a proper development environment for Kinect applications. Covers the basics of three-dimensional vision, skeleton tracking, gesture recognition, and audio Provides fun examples that keep you engaged and learning

Neural Information Processing Mar 09 2021 The three volume set LNCS 8226, LNCS 8227, and LNCS 8228 constitutes the proceedings of the 20th International Conference on Neural Information Processing, ICONIP 2013, held in Daegu, Korea, in November 2013. The 180 full and 75 poster papers presented together with 4 extended abstracts were carefully reviewed and selected from numerous submissions. These papers cover all major topics of theoretical research, empirical study and applications of neural information processing research. The specific topics covered are as follows: cognitive science and artificial intelligence; learning theory, algorithms and architectures; computational neuroscience and brain imaging; vision, speech and signal processing; control, robotics and hardware technologies and novel approaches and applications.

New Trends in Image Analysis and Processing -- ICIAP 2015 Workshops Feb 20 2022 This book constitutes the refereed proceedings of seven workshops held at the 18th International Conference on Image Analysis and Processing, ICIAP 2015, in Genoa, Italy, in September 2015: International Workshop on Recent Advances in Digital Security: Biometrics and Forensics, BioFor 2015; International Workshop on Color in Texture and Material Recognition, CTMR 2015; International Workshop on Medical Imaging in Rheumatology: Advanced applications for the analysis of in ammation and damage in the rheumatoid Joint, RHEUMA 2015; International Workshop on Image-Based Smart City Application, ISCA 2015; International Workshop on Multimedia Assisted Dietary Management, MADiMa 2015; International Workshop on Scene Background Modeling and initialization, SBMI 2015; and International Workshop on Image and Video Processing for Quality of Multimedia Experience, QoEM 2015.

My Xbox Jun 24 2022 This is the quick, visual, one-stop tutorial for everyone who wants to get maximum fun and entertainment out of their Xbox 360, Xbox Live, and Kinect controller. Gaming experts Christina and Bill Loguidice cover everything Xbox has to offer, uncovering cool features and tools most users won't ever discover on their own. You learn how to get started with Xbox 360; fast-network your Xbox 360s; run the media content in your Windows PCs; personalize your Xbox experiences; find great stuff on Microsoft's Game, Video, and Music Marketplaces; get acquainted with your Xbox friends and communities; get to know the Kinect controller and Hub; and find great Kinect games and get better at playing them. This book's concise, step-by-step instructions link to callouts on Xbox screen captures that show you exactly what to do. Tips and Notes help you discover powerful new techniques and shortcuts, and Help features guide you past common problems. This book is designed for all 50,000,000 Xbox 360 owners: from those who've just purchased their first system, to those diving headfirst into Kinect gaming, to millions of Xbox Live subscribers who want to get even more out of Microsoft's online services.

The Layperson's Guide to Exercise, Diet & Supplements Jan 19 2022 We instinctively know that exercise, eating the right things, and taking vitamins sustains our health, maintains our youth, and offers a sense of wellbeing. Traditional fitness publications do a great job telling you what to do, but lack any explanation as to the why and how. They offer a map to youth by micromanaging your diet, exercise and or supplements. You blindly follow their lead in expectation of finding your fountain of youth through their training. Every body is different, which is why one map may work for one person, but not another; maybe it failed you, so you try another. What you may not realize is that although they offer step by step instruction to find the fountain, they are not teaching you how to read the map. Although the map is the same, the directions are different for each of us to find the fountain of youth. The difference between the layperson and expert is their ability to read the map as a whole; that map is our anatomy. That cartography lesson is learned by teaching you how exercise, diet and supplements work rather than being told what in the same to follow. At the end of the lesson, you may now understand that your journey may require parts of many methods, rather than the single direction of one. The author shares his own journey as he teaches you how to read the map, so you understand how one has successfully read the map to discover his fountain of youth.

Programming Interactivity Aug 22 2019 Make cool stuff. If you're a designer or artist without a lot of programming experience, this book will teach you to work with 2D and 3D graphics, sound, physical interaction, and electronic circuitry to create all sorts of interesting and

compelling experiences -- online and off. Programming Interactivity explains programming and electrical engineering basics, and introduces three freely available tools created specifically for artists and designers: Processing, a Java-based programming language and environment for building projects on the desktop, Web, or mobile phones Arduino, a system that integrates a microcomputer prototyping board, IDE, and programming language for creating your own hardware and controls OpenFrameworks, a coding framework simplified for designers and artists, using the powerful C++ programming language BTW, you don't have to wait until you finish the book to actually make something. You'll get working code samples you can use right away, along with the background and technical information you need to design, program, build, and troubleshoot your own projects. The cutting edge design techniques and discussions with leading artists and designers will give you the tools and inspiration to let your imagination take flight.

Wii Fitness For Dummies Sep 03 2020 A fun and friendly guide to enjoying the benefits of video games with actual fitness results! Lose weight, find serenity, and tone your muscles while playing a video game? It's almost too good to be true! Yet, the Wii offers all of that, with fitness games that focus on losing weight, achieving balance and building strength. Written by an author team of Certified Personal Trainers, this friendly guide is aimed at anyone who is eager to take advantage of combining the fun, interactive, and motivational aspects of video games with traditional fitness activities. You'll learn how to use Wii Fit Plus, EA Sports Active and other games as part of a sensible workout routine and lifestyle. The authors guide you through best practices for doing the exercises and explain how to incorporate a variety of other activities to maintain long-term results. Wii Fit Plus and EA Sports Active feature different fitness games that focus on losing weight, achieving balance and building strength An author duo of Certified Personal Trainers guide you through combining the fun, interactive aspect of Wii fitness with traditional fitness activities More than 100 color screen shots serve as helpful examples for performing the routines safely and effectively Using this instructional and innovative book, you'll be fit with your Wii!

The CIO's Guide to Risk Aug 14 2021 In an age of globalization, widely distributed systems, and rapidly advancing technological change, IT professionals and their managers must understand that risk is ever present. The key to project success is to identify risk and subsequently deal with it. The CIO's Guide to Risk addresses the many faces of risk, whether it be in systems development, adoption of bleeding edge tech, the push for innovation, and even the march toward all things social media. Risk management planning, risk identification, qualitative and quantitative risk analysis, contingency planning, and risk monitoring and control are all addressed on a macro as well as micro level. The book begins with a big-picture view of analyzing technology trends to evaluate risk. It shows how to conceptualize trends, analyze their effect on infrastructure, develop metrics to measure success, and assess risk in adapting new technology. The book takes an in-depth look at project-related risks. It explains the fundamentals of project management and how project management relates to systems development and technology implementation. Techniques for analyzing project risk include brainstorming, the Delphi technique, assumption analysis, and decision analysis. Metrics to track and control project risks include the Balance Scorecard, project monitoring and reporting, and business and technology metrics. The book also takes an in-depth look at the role of knowledge management and innovation management in identifying, assessing, and managing risk. The book concludes with an executive's guide to the legal and privacy issues related to risk management, as well overviews of risks associated with social media and mobile environments. With its checklists, templates, and worksheets, the book is an indispensable reference on risk and information technology.

Arduino and Kinect Projects Sep 15 2021 If you've done some Arduino tinkering and wondered how you could incorporate the Kinect—or the other way around—then this book is for you. The authors of Arduino and Kinect Projects will show you how to create 10 amazing, creative projects, from simple to complex. You'll also find out how to incorporate Processing in your project design—a language very similar to the Arduino language. The ten projects are carefully designed to build on your skills at every step. Starting with the Arduino and Kinect equivalent of "Hello, World," the authors will take you through a diverse range of projects that showcase the huge range of possibilities that open up when Kinect and Arduino are combined. Gesture-based Remote Control. Control devices and home appliances with hand gestures. Kinect-networked Puppet. Play with a physical puppet remotely using your whole body. Mood Lamps. Build your own set of responsive, gesture controllable LED lamps. Drawing Robot. Control a drawing robot using a Kinect-based tangible table. Remote-controlled Vehicle. Use your body gestures to control a smart vehicle. Biometric Station. Use the Kinect for biometric recognition and checking Body Mass Indexes. 3D Modeling Interface. Learn how to use the Arduino LilyPad to build a wearable 3D modelling interface. 360o Scanner. Build a turntable scanner and scan any object 360o using only one Kinect. Delta Robot. Build and control your own fast and accurate parallel robot.

Time-of-Flight Cameras and Microsoft KinectTM Jun 12 2021 Time-of-Flight Cameras and Microsoft KinectTM closely examines the technology and general characteristics of time-of-flight range cameras, and outlines the best methods for maximizing the data captured by these devices. This book also analyzes the calibration issues that some end-users may face when using these type of cameras for research, and suggests methods for improving the real-time 3D reconstruction of dynamic and static scenes. Time-of-Flight Cameras and Microsoft KinectTM is intended for researchers and advanced-level students as a reference guide for time-of-flight cameras. Practitioners working in a related field will also find the book valuable.

Healing the Broken Brain Oct 24 2019 Dr. Mike Dow is a best-selling author, psychotherapist, and relationship expert. So why is he writing a book about stroke? Well, what you probably don't know about Dr. Mike is that his younger brother, David, is a stroke survivor. What's more, David's stroke happened when he only 10 years old. This means most of Dr. Mike's teenage years were spent witnessing what his family was dealing with trying to find the best treatments for David. He struggled to know what to do to help his brother. He watched helplessly as his brother wrestled with depression, trying to find the motivation to recover on top of the challenges of adolescence. He mourned the loss of what could have been —and he was angry. How his family would have loved to sit down with top experts in stroke to find out what they should be doing and have their questions answered. Now Dr. Mike has the ability to do just that, and he's doing it so that others in his family's position don't have the same struggle. Armed with questions from stroke survivors and their loved ones, Dr. Mike talks with the best clinicians across the country to get over 100 answers you need to know to maximize your recovery.

Processing 2 Jul 21 2019 Using a project-based approach, you will be able to learn the coolest aspects of working with Processing. Each project contains step-by-step explanations, diagrams, screenshots, and downloadable material to make learning Processing even easier.This book targets Processing developers, visual artists, creative professionals, and students who want to move to the next level of learning Processing for gaining inspiration, work, or just for fun. The book assumes a basic understanding of programming. However, this book is also recommended to non-artistic readers, looking to expand their graphics and develop their creativity.

Lean Customer Development Feb 26 2020 How do you develop products that people will actually use and buy? This practical guide shows you how to validate product and company ideas through customer development research—before you waste months and millions on a product or service that no one needs or wants. With a combination of open-ended interviewing and fast and flexible research techniques, you'll learn how your prospective customers behave, the problems they need to solve, and what frustrates and delights them. These insights may shake your assumptions, but they'll help you reach the "ah-ha!" moments that inspire truly great products. Validate or invalidate your hypothesis by talking to the right people Learn how to conduct successful customer interviews play-by-play Detect a customer's behaviors, pain points, and

constraints Turn interview insights into Minimum Viable Products to validate what customers will use and buy Adapt customer development strategies for large companies, conservative industries, and existing products

My Xbox One May 11 2021 My Xbox One Step-by-step instructions with callouts to colorful Xbox One images that show you exactly what to do Help when you run into problems with Xbox One, Kinect™, Xbox Live®, or SmartGlass Tips and Notes to help you get the most from your Xbox One system Full-color, step-by-step tasks show how to have maximum fun with your new Xbox One! Learn how to • Set up Xbox One, Kinect, and Xbox Live quickly–and start having fun now! • Personalize settings, gamertags, avatars, gamerpics… your whole Xbox One experience • Start your party, add chat, use built-in Skype, even make group video calls • Capture video of your best gameplay moments with Game DVR • Watch great video from practically anywhere: cable or satellite, DVD, Blu-ray, Netflix, Hulu Plus, Amazon Prime, and more • Play or stream all the music you love • Web surf with Xbox One's supercharged version of Internet Explorer • Use SmartGlass to transform your iPhone, iPad, Android, or Windows 8 device into a second Xbox screen or remote control CATEGORY: Consumer Electronics COVERS: Xbox One USER LEVEL: Beginning-Intermediate

The PayPal Official Insider Guide to Mobile Profits May 23 2022 In "The PayPal Official Insider Guide to Mobile Profits," readers will learn about such topics as initiating PayPal Mobile merchant operations, creating and managing PayPal Mobile accounts, allowing mobile-based recurring payments, facilitating mobile consumer P2P exchanges, processing mobile credit card transactions, and much more.

The Art of Wolfenstein Dec 26 2019 Provides an in-depth look at the art of the video game, detailing the character designs, settings, and technology of the alternate world where the Nazis won World War II.

My PlayStation Vita Oct 04 2020 Step-by-step instructions with callouts to PlayStation Vita images that show you exactly what to do. Help when you run into problems with your PlayStation Vita. Tips and Notes to help you get the most from your PlayStation Vita. Full-Color, Step-by-Step Tasks Show You How to Have Maximum Fun with Your PlayStation Vita! Unbox your PS VitaTM, get connected, and start having fun, fast Master PS Vita's built-in and downloadable apps, from games to social media Discover hot new PS Vita games—and play PlayStation classics, too Chat with groups of friends in real time—even if they're playing different games Leave gifts for nearby gamers to find and play with or launch neighborhood competitions Post on Facebook and Twitter right from your PS Vita Use "augmented reality" cameras to embed yourself into the game Make the most of PS Vita's advanced HTML5 web browser Take great photos and videos with PS Vita's built-in cameras Control your PS3 from your PS Vita—even if you're thousands of miles away Transform your PS Vita into a world-class music player Get instant walking or driving directions from Google Maps Set parental controls to protect your kids Create Privacy Zones so other gamers don't know what you're doing Buy or rent videos from the PlayStation Store Safely back up your PS Vita on your PC, Mac, or PS3 Solve PS Vita and connectivity problems fast and get back to having fun

A Newbies Guide to Xbox 360 Nov 05 2020 Games systems used to be simple--plug into TV, put in game cartirage, power on...and occasionally spend several minutes plugging dust out and putting it in at just the right angle! Today game systems are more than game systems--they are multi-media powerhouses. In the case of Xbox 360, it is a full on computer. This guide will help you get the most out of your Xbox 360 and everything that's built into it--from adjusting parental settings to changing the way it looks. GameCaps Walkthroughs was started as a way of bringing cheap, reliable, and informative game walkthroughs and system profiles. Our library is growing more every month.

Programming with the Kinect for Windows Software Development Kit Oct 16 2021 Create rich experiences for users of Windows 7 and Windows 8 Developer Preview with this pragmatic guide to the Kinect for Windows Software Development Kit (SDK). The author, a developer evangelist for Microsoft, walks you through Kinect sensor technology and the SDK—providing hands-on insights for how to add gesture and posture recognition to your apps. If you're skilled in C# and Windows Presentation Foundation, you'll learn how to integrate Kinect in your applications and begin writing Uis and controls that can handle Kinect interaction. This book introduces the Kinect for Windows Software Development Kit to developers looking to enrich applications they build for Windows 7 and later with human motion tracking Teaches developers with core C# and WPF skills how to program gesture and posture recognition in Kinect Describes how to integrate 3D representation on top of a real scene Provides expert insights and code samples to get you up and running

Big Bang Disruption Aug 02 2020 'A stimulating read...carefully researched and accessibly written...the case studies on disruption alone are worth the cover price' -Financial Times 'Everything you need from business school in one very direct book' -Dick Costolo, CEO, Twitter It used to take years for new products and services to dethrone industry leaders. Now any business can be instantly devastated by something better and cheaper. How can you protect yourself, and harness the power of Big Bang Disruption? No matter what your industry, start-ups can change the market before you even begin to grasp what's happening. The good news is that any business can master the strategy of the start-ups. In Big Bang Disruption, Larry Downes and Paul Nunes show you how to spot the next big thing - before the next start-up does. Based on extensive research by the Accenture Institute for High Performance and interviews from over 30 industries, this essential bookwill give you with the tools to take control of your future.

Microsoft Azure Essentials Azure Machine Learning Apr 29 2020 Microsoft Azure Essentials from Microsoft Press is a series of free ebooks designed to help you advance your technical skills with Microsoft Azure. This third ebook in the series introduces Microsoft Azure Machine Learning, a service that a developer can use to build predictive analytics models (using training datasets from a variety of data sources) and then easily deploy those models for consumption as cloud web services. The ebook presents an overview of modern data science theory and principles, the associated workflow, and then covers some of the more common machine learning algorithms in use today. It builds a variety of predictive analytics models using real world data, evaluates several different machine learning algorithms and modeling strategies, and then deploys the finished models as machine learning web services on Azure within a matter of minutes. The ebook also expands on a working Azure Machine Learning predictive model example to explore the types of client and server applications you can create to consume Azure Machine Learning web services. Watch Microsoft Press's blog and Twitter (@MicrosoftPress) to learn about other free ebooks in the Microsoft Azure Essentials series.

Augmented Reality with Kinect Jul 25 2022 This book is a mini tutorial with plenty of code examples and strategies to give you many options when building your own applications.This book is meant for readers who are familiar with C/C++ programming and want to write simple programs with Kinect. The standard template library can also be used as it is simple enough to understand.

Professional Android Programming with Mono for Android and .NET / C# May 31 2020 A one-of-a-kind book on Android application development with Mono for Android The wait is over! For the millions of .NET/C# developers who have been eagerly awaiting the book that will guide them through the white-hot field of Android application programming, this is the book. As the first guide to focus on Mono for Android, this must-have resource dives into writing applications against Mono with C# and compiling executables that run on the Android family of devices. Putting the proven Wrox Professional format into practice, the authors provide you with the knowledge you need to become a successful Android application developer without having to learn another programming language. You'll explore screen controls, UI development, tables and layouts, and MonoDevelop as you become adept at developing Android applications with Mono for Android.

Answers the demand for a detailed book on the extraordinarily popular field of Android application development Strengthens your existing skills of writing applications and shows you how to transfer your talents to building Android apps with Mono for Android and .NET/C# Dives into working with data, REST, SOAP, XML, and JSON Discusses how to communicate with other applications, deploy apps, and even make money in the process Professional Android Programming with Mono for Android and .NET/C# gets you up and running with Android app development today.

Codename Revolution Jun 19 2019 Nintendo's hugely popular and influential video game console system considered as technological device and social phenomenon. The Nintendo Wii, introduced in 2006, helped usher in a moment of retro-reinvention in video game play. This hugely popular console system, codenamed Revolution during development, signaled a turn away from fully immersive, time-consuming MMORPGs or forty-hour FPS games and back toward family fun in the living room. Players using the wireless motion-sensitive controller (the Wii Remote, or "Wiimote") play with their whole bodies, waving, swinging, swaying. The mimetic interface shifts attention from what's on the screen to what's happening in physical space. This book describes the Wii's impact in technological, social, and cultural terms, examining the Wii as a system of interrelated hardware and software that was consciously designed to promote social play in physical space. Each chapter of Codename Revolution focuses on a major component of the Wii as a platform: the console itself, designed to be low-powered and nimble; the iconic Wii Remote; Wii Fit Plus, and its controller, the Wii Balance Board; the Wii Channels interface and Nintendo's distribution system; and the Wii as a social platform that not only affords multiplayer options but also encourages social interaction in shared physical space. Finally, the authors connect the Wii's revolution in mimetic interface gaming—which eventually led to the release of Sony's Move and Microsoft's Kinect—to some of the economic and technological conditions that influence the possibility of making something new in this arena of computing and culture.

OpenNI Cookbook Feb 08 2021 This is a Cookbook with plenty of practical recipes enriched with explained code and relevant screenshots to ease your learning curve. If you are a beginner or a professional in NIUI and want to write serious applications or games, then this book is for you. Even OpenNI 1 and OpenNI 1.x programmers who want to move to new versions of OpenNI can use this book as a starting point. This book uses C++ as the primary language but there are some examples in C# and Java too, so you need to have about a basic working knowledge of C or C++ for most cases.

The Teacher's Awesome App Guide 1.5 Mar 21 2022

Arduino in Action Jul 01 2020 Summary Arduino in Action is a hands-on guide to prototyping and building electronics using the Arduino platform. Suitable for both beginners and advanced users, this easy-to-follow book begins with the basics and then systematically guides you through projects ranging from your first blinking LED through connecting Arduino to devices like game controllers or your iPhone. About the Technology Arduino is an open source do-it-yourself electronics platform that supports a mind-boggling collection of sensors and actuators you can use to build anything you can imagine. Even if you've never attempted a hardware project, this easy-to-follow book will guide you from your first blinking LED through connecting Arduino to your iPhone. About this Book Arduino in Action is a hands-on guide to prototyping and building DIY electronics. You'll start with the basics—unpacking your board and using a simple program to make something happen. Then, you'l attempt progressively more complex projects as you connect Arduino to motors, LCD displays, Wi-Fi, GPS, and Bluetooth. You'll explore input/output sensors, including ultrasound, infrared, and light, and then use them for tasks like robotic obstacle avoidance. Arduino programs look a lot like C or C++, so some programming skill is helpful. What's Inside Getting started with Arduino—no experience required! Writing programs for Arduino Sensing and responding to events Robots, flying vehicles, Twitter machines, LCD displays, and more! Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Authors Martin Evans is a professional developer, a lifelong electronics enthusiast, and the creator of an Arduino-based underwater ROV. Joshua Noble is an author and creative technologist who works with smart spaces. Jordan Hochenbaum uses Arduino to explore musical expression and creative interaction. Table of Contents Part 1 Getting started Chapter 1 Hello Arduino Chapter 2 Digital input and output Chapter 3 Simple projects: input and output Part 2 Putting Arduino to work Chapter 4 Extending Arduino Chapter 5 Arduino in motion Chapter 6 Object detection Chapter 7 LCD displays Chapter 8 Communications Chapter 9 Game on Chapter 10 Integrating the Arduino with iOS Chapter 11 Making wearables Chapter 12 Adding shields Chapter 13 Software integration

Learn Azure in a Month of Lunches, Second Edition Jan 27 2020 Learn Azure in a Month of Lunches, Second Edition, is a tutorial on writing, deploying, and running applications in Azure. In it, you'll work through 21 short lessons that give you real-world experience. Each lesson includes a hands-on lab so you can try out and lock in your new skills. Summary You can be incredibly productive with Azure without mastering every feature, function, and service. Learn Azure in a Month of Lunches, Second Edition gets you up and running quickly, teaching you the most important concepts and tasks in 21 practical bite-sized lessons. As you explore the examples, exercises, and labs, you'll pick up valuable skills immediately and take your first steps to Azure mastery! This fully revised new edition covers core changes to the Azure UI, new Azure features, Azure containers, and the upgraded Azure Kubernetes Service. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Microsoft Azure is vast and powerful, offering virtual servers, application templates, and prebuilt services for everything from data storage to AI. To navigate it all, you need a trustworthy guide. In this book, Microsoft engineer and Azure trainer Iain Foulds focuses on core skills for creating cloud-based applications. About the book Learn Azure in a Month of Lunches, Second Edition, is a tutorial on writing, deploying, and running applications in Azure. In it, you'll work through 21 short lessons that give you real-world experience. Each lesson includes a hands-on lab so you can try out and lock in your new skills. What's inside Understanding Azure beyond point-and-click Securing applications and data Automating your environment Azure services for machine learning, containers, and more About the reader This book is for readers who can write and deploy simple web or client/server applications. About the author Iain Foulds is an engineer and senior content developer with Microsoft. Table of Contents PART 1 - AZURE CORE SERVICES 1 Before you begin 2 Creating a virtual machine 3 Azure Web Apps 4 Introduction to Azure Storage 5 Azure Networking basics PART 2 - HIGH AVAILABILITY AND SCALE 6 Azure Resource Manager 7 High availability and redundancy 8 Load-balancing applications 9 Applications that scale 10 Global databases with Cosmos DB 11 Managing network traffic and routing 12 Monitoring and troubleshooting PART 3 - SECURE BY DEFAULT 13 Backup, recovery, and replication 14 Data encryption 15 Securing information with Azure Key Vault 16 Azure Security Center and updates PART 4 - THE COOL STUFF 17 Machine learning and artificial intelligence 18 Azure Automation 19 Azure containers 20 Azure and the Internet of Things 21 Serverless computing

Coin Collector's Price Guide Nov 24 2019 Covers all coins of both the United States and Canada complete with latest retail value for as many as seven different conditions.

The Modern Parent's Guide to Kids and Video Games Apr 10 2021 Nearly 40 years after their invention and a decade after exploding onto the mainstream, video games still remain a mystery to many parents, including which titles are appropriate, and their potential side-effects on kids. Now the answers are at your fingertips. Offering unrivaled insight and practical, real-world strategies for making gaming a positive part of family life, The Modern Parent's Guide to Kids and Video Games provides a vital resource for today's parent. From picking the right software

to promoting online safety, setting limits and enforcing house rules, it offers indispensable hints, tips and how-to guides for fostering healthy play and development. Includes: Complete Guides to PC, Console, Mobile, Online & Social Games - Using Parental Controls and Game Ratings - Picking the Right Games - The Latest on Violence, Addiction, Online Safety - Setting Rules & Time Limits - Best Games for All Ages - Essential Tools & Resources. "An essential guide for parents." Jon Swartz, USA Today

Making Things See Apr 22 2022 A guide to creating computer applications using Microsoft Kinect features instructions on using the device with different operating systems, using 3D scanning technology, and building robot arms, all using open source programming language.

Hacking the Kinect Aug 26 2022 Hacking the Kinect is the technogeek's guide to developing software and creating projects involving the groundbreaking volumetric sensor known as the Microsoft Kinect. Microsoft's release of the Kinect in the fall of 2010 startled the technology world by providing a low-cost sensor that can detect and track body movement in three-dimensional space. The Kinect set new records for the fastest-selling gadget of all time. It has been adopted worldwide by hobbyists, robotics enthusiasts, artists, and even some entrepreneurs hoping to build business around the technology. Hacking the Kinect introduces you to programming for the Kinect. You'll learn to set up a software environment, stream data from the Kinect, and write code to interpret that data. The progression of hands-on projects in the book leads you even deeper into an understanding of how the device functions and how you can apply it to create fun and educational projects. Who knows? You might even come up with a business idea. Provides an excellent source of fun and educational projects for a tech-savvy parent to pursue with a son or daughter Leads you progressively from making your very first connection to the Kinect through mastery of its full feature set Shows how to interpret the Kinect data stream in order to drive your own software and hardware applications, including robotics applications

Kinect in Motion – Audio and Visual Tracking by Example Dec 18 2021 The book includes a series of step-by-step illustrated tutorials supported by detailed explanations for building a multimodal user interface based on Kinect for Windows.Kinect in Motion - Audio and Visual Tracking by Example is great for developers new to the Kinect for Windows SDK, and who are looking to get a good grounding in how to master video and audio tracking. It's assumed that you have some experience in C# and XAML already.

Fable Mar 29 2020 * Exclusive In-Game Item- Customize your cart with the "Hanging D20's" exclusive item granting you bonus experience points. * All Collectibles- Find all 25 collectibles hidden in the game. Discover these iconic and familiar items from the Fable franchise. * Heroes- With coverage of Fable Heroes you'll discover tips and tricks for the game, and how to transfer your gold into Fable: The Journey. * Complete Achievements- Learn the best ways to collect all 50 Achievements as efficiently as possible. * Tips From The Developers- The best magic combos revealed so you can easily earn bonus experience points. * Backstories- The backstories of Theresa and the world of Albion are further explored. Covers: Xbox 360® Kinect(tm)

Kinect Hacks Sep 27 2022 Create your own innovative applications in computer vision, game design, music, robotics, and other areas by taking full advantage of Kinect's extensive interactive, multi-media platform. With this book, you get a step-by-step walkthrough of the best techniques and tools to come out of the OpenKinect project, the largest and most active Kinect hacking community. Learn dozens of hacks for building interfaces that respond to body movements, gestures, and voice, using open source toolkits such as openFrameworks, the Processing IDE, and OpenKinect driver library. Whether you're an artist, designer, researcher, or hobbyist, this book will give you a running start with Kinect. Set up a development environment in Windows 7, Mac OSX, or Ubuntu Build special effects apps with tools such as Synapse and Cinder Create gestural interfaces to integrate and control digital music components Capture the realistic motions of a 3D model with NI mate, Blender, and Animata Design gesture-based games with the ZigFu SDK Recreate the dimensions of any room in realtime, using RGBDemo Use gestures to navigate robots and control PC interfaces

Hacking the Kinect Jul 13 2021 Hacking the Kinect is the technogeek's guide to developing software and creating projects involving the groundbreaking volumetric sensor known as the Microsoft Kinect. Microsoft's release of the Kinect in the fall of 2010 startled the technology world by providing a low-cost sensor that can detect and track body movement in three-dimensional space. The Kinect set new records for the fastest-selling gadget of all time. It has been adopted worldwide by hobbyists, robotics enthusiasts, artists, and even some entrepreneurs hoping to build business around the technology. Hacking the Kinect introduces you to programming for the Kinect. You'll learn to set up a software environment, stream data from the Kinect, and write code to interpret that data. The progression of hands-on projects in the book leads you even deeper into an understanding of how the device functions and how you can apply it to create fun and educational projects. Who knows? You might even come up with a business idea. Provides an excellent source of fun and educational projects for a tech-savvy parent to pursue with a son or daughter Leads you progressively from making your very first connection to the Kinect through mastery of its full feature set Shows how to interpret the Kinect data stream in order to drive your own software and hardware applications, including robotics applications

Kinect Open Source Programming Secrets Dec 06 2020 Program Kinect to do awesome things using a unique selection of open source software! The Kinect motion-sensing device for the Xbox 360 and Windows became the world's fastest-selling consumer electronics device when it was released (8 million sold in its first 60 days) and won prestigious awards, such as "Gaming Gadget of the Year." Now Kinect Open Source Programming Secrets lets YOU harness the Kinect's powerful sensing capabilities for gaming, science, multimedia projects, and a mind-boggling array of other applications on platforms running Windows, Mac OS, and Linux. Dr. Andrew Davison, a user interface programming expert, delivers exclusive coverage of how to program the Kinect sensor with the Java wrappers for OpenNI and NITE, which are APIs created by PrimeSense, the primary developers of the Kinect's technology. Beginning with the basics--depth imaging, 3D point clouds, skeletal tracking, and hand gestures--the book examines many other topics, including Kinect gaming, FAAST-style gestures that aren't part of standard NITE, motion detection using OpenCV, how to create gesture-driven GUIs, accessing the Kinect's motor and accelerometer, and other tips and techniques. Inside: Free open source APIs to let you develop amazing Kinect hacks for commercial or private use Full coverage of depth detection, camera, and infrared imaging point clouds; Kinect gaming; 3D programming; gesture-based GUIs, and more Online access to detailed code examples on the author's web site, plus bonus chapters on speech recognition, beamforming, and other exotica

The Entrepreneur's Guide to Law and Strategy Nov 17 2021 Business Insider calls The ENTREPRENEUR'S GUIDE "perhaps the most useful business book you can ever read" and lists it among twenty-five must-read books for entrepreneurs. THE ENTREPRENEUR'S GUIDE TO LAW AND STRATEGY, 5E examines stages of starting a business -- from start-up and growth to public offering, while highlighting legal preparations and pitfalls. Cutting-edge examples show how legally astute entrepreneurs can strategically increase realizable value, deploy resources, and manage risk. The book discusses leaving a job, hiring former coworkers, competing with a former employer, workplace legislation, product liability, and bankruptcy. You examine current issues including today's workforce in the "gig" economy, "crowdsourcing" capital and social media, computer hacking and identity theft. Legal discussion integrates with core strategic concepts, such as Porter's Five Forces, the resource-based view of the firm, the value proposition, activities in the value chain and more. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Impossible Mission I & II - The Official Guide Sep 22 2019 The iconic Impossible Mission games by Epyx Inc. enthralled a generation, pitting

the player's wits against the diabolic genius of the mad scientist Elvin Atombender in a race against time to save the world! Now in this official guide to Impossible Mission I and II we get the chance to hear from some of the people who both created and brought the games to market such as: Dennis Casswell, Chris Crigg, Peter Filiberti, Mihaly Kenczler and many more. This definitive work contains dozens of chapters, from the history of Epyx the company, the various versions and ports over the years, the in-game music, the ground-breaking synthesized speech, to extensive hints, tips and walkthroughs. Written by established retro computer writer Holger Weßling, and with a foreword by Darren Melbourne who has been associated with many of the games' incarnations.

Kinect for Windows SDK Programming Guide Oct 28 2022 This book is a practical tutorial that explains all the features of Kinect SDK by creating sample applications throughout the book. It includes a detailed discussion of APIs with step-by-step explanation of development of a real-world sample application. The purpose of this book is to explain how to develop applications using the Kinect for Windows SDK. If you are a beginner and looking to start developing applications using the Kinect for Windows SDK, and if you want to build motion-sensing, speech-recognizing applications with Kinect, this book is for you. This book uses C? and WPF (Windows P.